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Forty-Second

Annual Catalogue

OF

LAKE ERIE COLLEGE,

PAINESVILLE, OHIO,

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1900-1901.

Press of  
THE F. W. ROBERTS CO.,  
Cleveland, Ohio.

WILLOUGHBY FEMALE SEMINARY,

Willoughby, Ohio.

1848-1856.

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LAKE ERIE FEMALE SEMINARY,

Painesville, Ohio.

Incorporated 1856. Opened 1859.

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LAKE ERIE COLLEGE AND SEMINARY.

1898.



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## THE COLLEGE CALENDAR.

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1901.

Day of Prayer for Colleges.....Thursday, January 24  
Holiday (Washington's Birthday).....Friday, February 22  
Third Period of Study.....Thursday, March 14

### SPRING RECESS.

From 11:30 a. m., Wednesday, March 27, to 8:30 a. m., Thursday, April 11  
Holiday (Decoration Day).....Thursday, May 30  
Baccalaureate Sermon.....Sunday, June 17  
Alumnæ Day.....Wednesday, June 19  
Commencement .....Thursday, June 20

### SUMMER VACATION.

College Year begins.....8:30 a. m., Thursday, September 19  
Founders' Day.....—, November —  
Thanksgiving Recess...11:30 a. m., Wednesday, to 11:30 a. m., Friday,  
November 27 to November 29  
Second Period of Study.....Monday, December 9

### WINTER RECESS.

1902.

From 3:30 p. m. Thursday, December 19, to 8:30 a. m. Friday, January 3  
Day of Prayer for Colleges.....—, —  
Holiday (Washington's Birthday).....Saturday, February 22  
Third Period of Study.....Thursday, March 13

### SPRING RECESS.

From 11:30 a. m. Wednesday, March 26 to 8:30 a. m. Thursday, April 10

## TRUSTEES.

---

Hon. WILLIAM H. UPSON, Akron,  
*President.*

CARLOS O. CHILD, Painesville,  
*Secretary and Treasurer.*

Hon. CHARLES A. AVERY, Painesville.

Gen. J. S. CASEMENT, Painesville.

Rev. HIRAM C. HAYDN, D. D., Cleveland.

DAN P. EELLS, Esq., Cleveland.

JOHN W. ALEXANDER, Painesville.

PETER M. HITCHCOCK, Cleveland.

Hon. ARLINGTON G. REYNOLDS, Painesville.

Hon. JAMES R. GARFIELD, Mentor.

WILM KNOX, Cleveland.

Mrs. CHARLOTTE WOOSTER BOALT, Class of '62, Norwalk.

Mrs. LOUISE PORTER SMITH, Class of '69, Elyria.

Representing the Alumnæ.

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## EXECUTIVE COMMITTEE.

---

CHARLES A. AVERY,

CARLOS O. CHILD,

Hon. ARLINGTON G. REYNOLDS,

Hon. JAMES R. GARFIELD,

WILM KNOX.

## THE FACULTY.

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(In order of appointment).

---

MARY EVANS, A. M., PRESIDENT,

LUETTE P. BENTLEY, DEAN,  
PHYSIOLOGY AND HYGIENE.

MARTHA E. LAWRENCE,  
HISTORY, BIBLE.

SARAH M. KENDRICK,  
ENGLISH LANGUAGE AND LITERATURE.

\*CLARA M. HITCHCOCK, PH. D.,  
PHILOSOPHY.

HARRIETT E. MCKINSTRY, PH. M.,  
LATIN LANGUAGE AND LITERATURE.

ELIZABETH A. BURTON, REGISTRAR,  
MATHEMATICS.

\*MARY ELIZABETH MATHEWS,  
GEOLOGY, ANTHROPOLOGY.

ADELAIDE RUDOLPH, A. M.,  
OLD ENGLISH.

MATILDA A. WELTON,  
PHYSICAL TRAINING.

MARY KEFFER.  
DRAWING, PAINTING, ART HISTORY AND CRITICISM.

ANNA M. MONROE,  
ORGAN, HISTORY OF MUSIC.

---

\*Absent part or all of the year.

\*MARY CHILTON NOYES, PH. D.,

MATHEMATICS, PHYSICS.

\*SERAPH A. BLISS,

PHYSICS.

EMMA RENSCH,

FRENCH.

CHARLOTTE BIRD, A. M.,

GERMAN.

GERTRUDE B. SMITH, A. B.,

GREEK.

EDNA D. DAY, M. S.,

CHEMISTRY, BIOLOGY, BOTANY.

\*AMY R. KELLY, A. B.,

ASSISTANT IN ENGLISH AND FRENCH.

\*ANNA L. HUNTLEY,

SUPERINTENDENT OF DOMESTIC DEPARTMENT.

JANE B. SANDERS,

DOMESTIC SCIENCE.

Mrs. ELIZABETH A. LYMAN,

SECRETARY.

KATHARINE R. SAGE,

LIBRARIAN.

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**NON-RESIDENT INSTRUCTORS.**

HARRY CLYDE BROOKS,

DIRECTOR OF MUSIC—VOICE, PIANO, HARMONY.

JAY R. HALL,

PIANO.

GERTRUDE WAKELEE,

ASSISTANT IN PIANO.

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\*A part of the year.

## SUMMARY OF STUDENTS.

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Resident Graduates .....	2
Senior Class .....	11
Junior Class .....	6
Sophomore Class .....	11
Freshman Class .....	26
Special Students .....	29
Preparatory Students in Music and other Courses.....	21
<hr/>	
Resident Students .....	106
Non-resident Students in Music .....	26
<hr/>	
Total in all departments .....	132

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### RESIDENCE.

Ohio .....	75	California .....	1
Pennsylvania .....	10	Iowa .....	1
Michigan .....	5	Minnesota .....	1
Illinois .....	4	Nebraska .....	1
Indiana .....	2	New Hampshire .....	1
New York .....	2	Turkey .....	1
Alabama .....	1	Washington .....	1



## ADMISSION OF STUDENTS.

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Three parallel courses lead to the degrees of Bachelor of Arts, Bachelor of Science and Bachelor of Literature. Each of these course extends through four college years of thirty-five weeks each, and consists of required studies for two years, certain required studies in the Junior and Senior years with a definite amount of elective work.

Entering students may present in place of examinations certificates from accredited schools, with the understanding that scholarship after entrance must be satisfactory. The work of the first term will be probationary. Certificates must specify in connection with each study the text-books used, the method of instruction, the amount of time given to the study, the date of final examination and the mark for scholarship. Blank forms will be furnished which should be filled out and returned, accompanied by all necessary information as to health, character, plans for study, and standing in other colleges and schools.

Students will be admitted whose preparation is one year below college requirements. At the opening of the year in September, classes will be formed in Rhetoric, reviews in English Composition, Vergil, in Greek, French and German, in History, and in Plane Geometry.

Resident students will be received for the special study of Music upon the basis of the requirements for entrance to the College.

### REQUIRED FOR ALL COLLEGE COURSE.

ENGLISH.—Preparation is required in Grammar, Rhetoric and Composition, to include spelling, punctuation, choice of words, construction of sentences and preliminary work in paragraphing. A. S. Hill's Foundations of Rhetoric, Herrick and Damon's Composition and Rhetoric, or equivalents, are recommended for study.

In the literature prescribed for the year, the books marked **A** are set for reading, and questions upon them will assume a general knowledge of the subject-matter and also of important facts in the lives of the authors. Those marked **B** are for study and practice in more detailed treatment of the text. Topics for short papers will be chosen from these works. Equivalents for these books will be accepted.

A. 1901 and 1902. Shakespeare's *The Merchant of Venice*; Pope's *Iliad*, Books I, VI, XXII, and XXIV; *The Sir Roger de Coverley Papers* in *The Spectator*; Goldsmith's *The Vicar of Wakefield*; Coleridge's *The Ancient Mariner*; Scott's *Ivanhoe*; Cooper's *The Last of the Mohicans*; Tennyson's *The Princess*; Lowell's *The Vision of Sir Launfal*; George Eliot's *Silas Marner*.

A. 1903 and 1904. Shakespeare's *Merchant of Venice* and *Julius Cæsar*; *The Sir Roger de Coverley Papers* in *The Spectator*; Goldsmith's *The Vicar of Wakefield*; Coleridge's *The Ancient Mariner*; Scott's *Ivanhoe*; Carlyle's *Essay on Burns*; Tennyson's *The Princess*; Lowell's *The Vision of Sir Launfal*; George Eliot's *Silas Marner*.

B. 1901, 1902, 1903, 1904. Shakespeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro* and *Il Penseroso*; Burke's *Speech on Conciliation with America*; Macaulay's *Essays on Milton* and Addison.

LATIN.—Grammar, including a thorough mastery of inflections, a practical application of the simple rules for the composition and derivation of words, syntax of cases and verbs and general structure of sentences. Particular attention should be paid to indirect discourse, to the subjunctive and to relative and conditional sentences. The Roman pronunciation should be used. Practice in marking vowel quantities is important, and training the ear by frequent dictation exercises.

Cæsar, *Gallic War*, four books; *Organization of the Roman Army*; map studies of ancient Gaul. Attention should be given to indirect discourse and the subjunctive mode.

Cicero, seven orations. Outline of Roman civil institutions.

Latin Prose Composition, Collar and Daniell, Jones or any standard author will be accepted. The constant practice of read-

ing at sight aloud and the translation into Latin of passages of connected English narrative are required with study of geographical, historical and political questions necessary to the comprehension of the author and his period.

Vergil, Aeneid, six books, Eclogues, I, IV, V, VII, VIII, X, will be accepted as an equivalent for one book of the Aeneid. Prose will not be accepted as an equivalent for verse.

A preparatory year of Latin, including Vergil, Cicero and Prose Composition will be allowed in the case of entering students whose opportunities for the thorough study of Latin have been limited.

**MATHEMATICS.**—Algebra—through Involution, Evolution, Radicals, Quadratic Equations, Ratio and Proportion. The text book should be equivalent to Wells' or Wentworth's Complete Algebra.

Plane Geometry with original demonstrations, as much as is contained in Wells' Plane Geometry or the first five books of Wentworth's New Plane and Solid Geometry or Chauvenet's Treatise on Elementary Geometry.

**HISTORY.**—Outlines of the history of Greece and the history of Rome, or

Outlines of the history of England and the history of the United States.

An equivalent in General History may be offered.

**SCIENCE.**—Physiology or an equivalent in science.

### **REQUIRED FOR THE CLASSICAL COURSE.**

**GREEK.**—Grammar, noun and verb inflections, syntax, accents. Xenophon, Anabasis, four books. Particular attention should be given to the pronunciation of the Greek and to syntax.

Greek Writing.—Collar and Daniell's or Harper's Greek Prose Composition furnishes the requisite drill. Homer, Iliad, Books I-III. Rules of Prosody and Scanning. Geography of ancient Greece and Asia Minor. Mythology.

## REQUIRED FOR THE LITERARY AND SCIENTIFIC COURSES.

**FRENCH OR GERMAN.**—Two years. Thorough knowledge of the fundamental principles of the grammar. Ability to read ordinary French or German fluently. As a ground of this ability the candidate should have read in French not less than one thousand duodecimo pages and in German not less than five hundred duodecimo pages of classical and contemporary prose and verse from the writings of at least four standard authors.

Ability to follow a recitation conducted in French or German and to answer in that language questions asked by the instructor. Careful attention should be paid to pronunciation.

Translation into French or German of a connected passage of English prose.

All candidates are required to present a statement from their teachers, mentioning the text book used and the authors read, including the number of pages translated from French or German into English and from English into French or German.

One year of consecutive work in Physics or Chemistry may be substituted for one year of Latin or for one year of second language for the Scientific Course.

## COURSES REQUIRED FOR GRADUATION.

Fifteen hours weekly are required in the First and Second Years. An hour includes the period, sixty minutes, given to recitation and the time, usually two hours, required in preparation. All students in the regular or the special courses will attend the lectures upon Hygiene and, unless excused upon examination, will enter the classes in Voice Culture and in Physical training with outdoor exercise.

In the Freshman Year the required work is chiefly Languages and Mathematics. In the Sophomore Year the second Language, Greek or French or German, is continued and a third Language may be begun. English is required during the Freshman and Sophomore Years.

The required History may be taken in the Sophomore and in the Junior Year, or if additional work in Languages is elected, History may be deferred till the Junior Year.



The required Bible courses may be taken in consecutive years or may be combined in the Sophomore or the Junior Year.

The required Science includes Physiology and one year's work in Physics or Chemistry for the Classical and Scientific Courses. Physiology and six months' work in Physics or Chemistry for the Literary Course.

The required Philosophy includes Logic, Psychology and Ethics. Logic and Psychology may be taken in the Junior or the Senior Year. Ethics in the Senior Year.

### **ELECTIVE STUDIES.**

Elective studies are combined with required studies in such an amount as to complete the equivalent of fifteen hours of recitation weekly in the Freshman and Sophomore Years and not less than thirteen hours weekly in the Junior and Senior Years.

Elective studies are subject to the approval of the Faculty and are chosen with reference to the lines of study indicated in the Classical, Literary and Scientific Courses leading to the degrees of Bachelor of Arts, Bachelor of Literature and Bachelor of Science. The Literary and Scientific Courses are parallel with the Classical Course as to the number of hours and the character of the work. This is in harmony with the prevailing tendency to shape college courses so as to lead to the one degree, A. B.

### **FRESHMAN YEAR.**

(Numerals designate required courses described under the heading of each department).

Classical Course:—Greek, 1, 2, 3; Latin, 1, 2, 3; English, 1; Mathematics, 1, 2, 3; Bible, 1; Hygiene, 1.

Literary Course:—Greek, 1, 2, 3 or Latin, 1, 2, 3; French, 2 or German, 2; English, 1, 4; Mathematics, 1, and 2 or 3; Bible, 1; Hygiene, 1.

Scientific Course:—German, 2 and French, 1, or French, 2 and German, 1; English, 1; Mathematics, 1, 2, 3; Bible, 1; Hygiene, 1.

For Sophomores in all the courses are prescribed Latin, 4, 5, 6, or Greek, 4, 5, 6, or German, 1, or French, 1; English, 2; Physics, 1, 2, or Chemistry, 1, 2; Bible, 2.

For the Classical Course in addition, History, 1, 2, 3; Physics, 3, or Chemistry, 3; for the Scientific Course, History, 3; Physics, 3, or Chemistry, 3; Mathematics, 4; for the Literary Course, History, 1, 2, 3; Physiology, 2.

For Juniors and Seniors in all the courses are required Physiology, 2 (if not taken in the Sophomore year); Bible, 3; Philosophy, 1, 2, 3.



## COURSES OF INSTRUCTION.

### LATIN.

MISS MCKINSTRY.

1. Cicero, De Senectute; selections from Latin poets, Latin writing.  
Translations at sight and from hearing; study of the Stoic and Epicurean doctrines.
2. Livy, Books XXI, XXII; Latin writing.  
Study of style, collateral reading in Roman history.
3. Horace, selections from the Odes and Epodes; Carmen Sæculare.  
Study of metres and style, collateral reading on Horace as a lyric poet, comparison with the elegy.  
1, 2, 3 extend through the Freshman year of the classical and literary courses, four hours a week.

### ELECTIVE COURSES IN LATIN LITERATURE.

4. Pliny, Selected Letters; Tacitus, Agricola and Germania.  
Collateral reading; study of characteristics of literature of the Silver Age. Three hours a week for twelve weeks.
5. Roman Literature, Selections from Representative Authors; Latin writing.  
Three hours a week for twelve weeks.
6. Horace, Satires and Epistles; Persius and Juvenal; History of development of Satire.  
Three hours a week for twelve weeks.
7. a. Cicero, Letters; Study of Cicero in private life; the political, literary and historical condition of the times.  
Three hours a week for twelve weeks.  
b. Cicero, De Officiis, Tusculan Disputations, selected portions.  
Three hours a week for twelve weeks.
8. Comedy; Selected plays of Plautus and Terence.  
Attention is given to archaic forms and constructions, and to the study of metres.  
Two hours a week for twelve weeks.

9. Lyric and Elegiac Poetry. Collateral reading. Study of the development of the Elegy.  
Two hours a week for twelve weeks.

#### COURSES IN ROMAN LIFE AND INSTITUTIONS.

10. Roman Political Antiquities. Lectures. The development of the institutions of the regal period into republican forms and offices and their final absorption into those of the empire.  
Two hours a week for twelve weeks.
11. Roman Private Life. Lectures. Reports on assigned subjects.  
Offered in 1901-1902.
12. Introduction to Roman Archæology. Lectures. Elements of Archæology; topography and architectural history of ancient Rome. Studies in Pompeii; minor monuments, gems and coins.  
Offered in 1902-1903.  
Three hours a week for twelve weeks.  
Courses 11, 12 are abundantly illustrated with photographs, casts and lantern views.

#### COURSES FOR SPECIAL AND ADVANCED STUDENTS.

13. Sight Translation.  
Rapid reading of Latin at sight and on hearing.  
Two hours a week for twelve weeks.
14. Teachers' course in Cæsar and Vergil; study of syntax and interpretation of text.  
Designed for those who intend to teach; open also to Seniors.
15. Advanced course in Latin writing.  
Open to students who have maintained a high grade of scholarship in previous Latin study.  
Three hours a week for twelve weeks.
16. Study of Latin Inscriptions.  
Two hours a week for twelve weeks.
17. Historical Latin Grammar.  
Offered in 1901-1902.  
Three hours a week for twelve weeks.

## GREEK.

MISS SMITH.

1. Lysias, selected orations; study of historical setting, and of legal procedures. Prose Composition based on Lysias.
2. Plato, Apology and Crito.
3. Homer, selections from the Odyssey. Epic forms and syntax. Study of Homeric antiquities in connection with recent archæological discoveries.  
1, 2, 3 extend through the Freshman year classical course, four hours a week.
4. Demosthenes, selections with study in Greek oratory and civil institutions.  
Three hours a week for twelve weeks.
5. Historians; selections from Herodotus and Thucydides.
6. Plato; Phædo.  
Four hours a week for twelve weeks.
7. Origin and development of Greek Drama. Aristotle's Theory of Tragedy. Reading and criticism of selected dramas; Aeschylus; Prometheus; Sophocles; Oedipus Tyrannus; Antigone; Euripides; Medea.  
Four hours a week for twenty-four weeks.
8. Greek Testament; Study of the New Testament philology and syntax.  
Two hours a week for twelve weeks.

A large and well lighted room is furnished with reference books, maps, photographs and casts for the use of students in Latin and Greek, including Kiepert's wall maps, Launitz plates illustrating Roman life, Englemann's Homeric Atlas and the archæological charts of Mycenæ and Tiryns. There is a fine collection of medallion reliefs from coins and medals with some rare coins, all of which are valuable for illustrative purposes. Casts from the frieze of the Parthenon and busts of heroic size of the Juno Ludovisi and the Niobe have been added to the art collections of Memorial Hall by the classes of 1879 and 1891. Through the kindness of the class of 1882 the College was one of the first subscribers to the French publication of the Sidon Sarcophagi, illustrating an important period of Greek Sculpture.

## GERMAN.

MISS BIRD.

1. Elementary German.

This course is intended for students who have not presented German

for entrance. Grammar, composition and the reading of modern prose. Three hours a week through the Sophomore year.

2. a. Advanced Grammar, Composition and Translation. At least three texts will be read and essays prepared upon them.  
b. Literature: *Bilder aus der deutschen Litteratur von Keller*.

Four hours a week through the Freshman year.

3. a. Translation and study of more advanced texts, chosen according to the needs of the class, at least three texts being studied and essays prepared upon them.  
b. Literature, Eighteenth Century Authors. Lectures and study of the author's works.

Four hours a week for thirty-six weeks.

4. Nineteenth Century Literature, including a brief study of the development of the drama and the novel.

Four hours a week for thirty-six weeks.

German is the language of the class room throughout the above courses.

## FRENCH.

### MLLE. RENSCH.

1. Elementary French.

This course is intended for students who, having entered without French, wish to be able to read it with ease, and to understand conversation. The work includes the study of grammar with special study of verbs and composition, the reading of modern prose.

Three hours a week through the Sophomore year.

2. a. Grammar, Composition, Literature.

For students who have presented the French required for entrance. Thorough grammatical drill. Study of idioms. Recitations are conducted in French. Students are required to give an oral or written résumé of texts read.

b. A short course in the outlines of the history of France and the literature will be given as a preparation for the detailed study of different periods. The works of the masters of the end of the nineteenth century will be read and studied and papers written by students on literary subjects.

Four hours a week through the Freshman year.

3. French Literature through the period of Louis XIV.

4. Literature of the Eighteenth Century. Representative authors, Voltaire, Montesquieu, Rousseau, Beaumarchais. Lectures, essays.
5. Literature of the Nineteenth Century. Victor Hugo and the Romantic School. Merimée, Musset, George Sand, Gautier. Lectures, essays.
6. Advanced Syntax and Rhetoric. Composition, essays, exercises in pronunciation.

These courses, each four hours a week for twelve weeks.

### ITALIAN.

1. Grandgent's Italian Grammar; written and oral exercises; drill in regular and irregular verbs. Bowen's Italian Reader; reading and translation from modern authors: Del Festa, L'oro e l'Orpello, Pellico, Francesca da Rimini. Dictation and memorizing.

Three hours a week throughout the year.

2. Prose Composition. Reading Dante, La Vita Nuova; selected cantos of the Divina Comedia; Boccaccio; selections from Decameron; Tasso; selections from Gernsalemme Liberta; modern lyrics.

Three hours a week throughout the year.

### ENGLISH.

MISS KENDRICK, MISS RUDOLPH.

#### REQUIRED COURSES.

1. Rhetoric.

Instruction is given through topical lessons, lectures, and models illustrating the principles of composition. Daily or weekly themes are developed by paragraphs or whole compositions in practice of narration, description, exposition and the elements of argumentation. The themes are subjects of individual conference with the instructor.

Required of Freshmen. Three hours a week for twenty-four weeks.

2. Daily themes. Analysis of themes in the class room. Lectures on English. Illustrative readings.

Required of Freshmen in literary course. Third period, four hours a week.



3. Historical development of English Literature. Analysis of masterpieces in prose and poetry. Lectures, topical study with library references, papers on topics suggested by the study.  
Required of Sophomores. Three hours a week throughout the year.

THE FOLLOWING ELECTIVES, BASED ON COURSES I AND 2, ARE  
OPEN TO SPECIAL STUDENTS.

4. Exposition. Argumentation. Analysis of essays and arguments. Themes and briefs.
5. American Literature.  
Three hours a week for twenty-four weeks.
6. Journalism.  
Practice in reporting, writing editorials and reviews, correcting proof.  
Four hours a week for twelve weeks.
7. Brief history of poetry. Principles of structure as a basis for analysis of lyric poetry; poetic style; metre.  
Open to music students.
8. Lectures on the Theory of Rhetoric.  
Discussions pertaining to the teaching of English; criticism of themes; examination of text-books.  
Designed for those who expect to teach English in secondary schools.

ELECTIVES FOR JUNIORS AND SENIORS.

9. A comparative study of ballad, epic and dramatic poetry.
10. Prose and Poetry of the Nineteenth Century.
11. The short story. Development of the novel through Eighteenth Century Fiction, and the works of Scott, Dickens, Thackeray and George Eliot.
12. a. Old English Prose and Poetry. Cook's First Book in Old English. History of the English Language. Lounsbury's English Language, Part I.  
Four hours a week for twelve weeks.  
b. Middle English. Morris and Skeat's Specimens. Chaucer; Selections from the Canterbury Tales and Minor Poems. History of English inflections. Lounsbury's English Language, Part II.  
Three hours a week for twenty-four weeks.



## MATHEMATICS.

DR. NOYES, MISS BURTON.

1. Solid and Spherical Geometry. Original demonstrations required. Problems given to illustrate the use of principles.

If course 1 is presented for entrance, a review of mathematical principles may be required of students who do not present a note book giving evidence of thorough original work.

2. Higher Algebra. Variation; the Progressions, Binomial Theorem; Series; Variables and Limits; Theory of Equations.
3. Plane Trigonometry, with practical applications, and special attention to transformation of formulae.

Courses 1, 2, 3 extend through the Freshman year, four hours a week, and are required in classical and scientific courses. Courses 1, and 2 or 3, in the literary course.

4. Analytical Geometry (Woods and Bailey).

First period, four hours a week. Required in scientific course.

5. Differential and Integral Calculus.

Second and third periods, four hours a week.

6. History of Mathematics, by lectures.

Two hours a week for twelve weeks.

7. Methods of Teaching Mathematics.

Two hours a week for twelve weeks.

This course is intended as a preparation for teaching high school mathematics. Courses 6 and 7 given in 1901-1902, and alternate years thereafter.

## PHYSICS.

DR. NOYES.

1. Mechanics and Acoustics.

Five hours a week for twelve weeks.

2. Electricity and Magnetism.

Five hours a week for twelve weeks.

3. Heat and Optics.

Five hours a week for twelve weeks.

Physics is based upon Trigonometry. Courses 1, 2, 3 are required of Sophomores who elect Physics, in the classical and scientific courses; courses 1 and 2, of the Sophomores in the literary course. Laboratory work forms part of each course. By their own observations students are led to understand more clearly the principles studied and to form habits

of accurate observation and of recording results in a clear and orderly manner.

## **ASTRONOMY.**

DR. NOYES.

### **1. Elements of astronomy (Young).**

Elective for students who have studied Trigonometry and elementary Physics. The class work will consist of lectures and recitations, a study of the principal features of the heavens, and preparation of papers on topics relating to the subjects studied. Offered in 1901-1903.

Four hours a week for twelve weeks.

## **CHEMISTRY.**

MISS DAY.

### **1. Chemistry of the Non-Metals.**

### **2. A continuation of Course 1, beginning with the study of the metals.**

### **3. Qualitative analysis.**

Courses 1, 2, 3 consist of lectures and laboratory work, continuous throughout the college year, three laboratory periods of two hours each and one lecture period weekly.

Required of Sophomores who elect Chemistry in the classical and scientific courses.

### **4. Organic Chemistry.**

Five hours a week for twelve weeks.

### **5. Special course with applications to Food and Physiology, including a study of air, water and food principles from the standpoint of sanitary and physiological chemistry.**

Seven hours a week for twenty-four weeks.

Open to Juniors and Seniors and to advanced special students with adequate preparation.

## **BIOLOGY AND BOTANY.**

MISS DAY.

### **1. General Biology.**

Cell structure carefully studied and observations recorded by drawings; blood corpuscles and spirogyra; chemical nature of cell contents with tests for proteid and starchy matter. Study of *Pteris* and *Lumbricus*. Lectures on the principal orders of plants and animals. Each student is required to write two papers on her own work in the laboratory.

Five hours a week for twelve weeks.

## 2. Continuation of Course 1.

Investigation of the cell and cell division. The student will make permanent preparations for the microscope. Study of invertebrate and vertebrate structures with special study of the development of the frog. Lectures on Theoretical Biology.

Five hours a week for twelve weeks.

## 3. Botany.

Lectures upon the morphology, physiology and classification of plants. Laboratory study of typical forms through rusts, moulds, liverworts and mosses to flowering plants.

Five hours a week for twelve weeks.

The laboratories in the new Science building give enlarged opportunities in the study of Botany. Valuable aid is afforded by the reference library, the Auzoux dissectible models of the most difficult types, the collection of slides, the herbarium rich in local species and the fresh material for study easily available in adjacent woods.

## GEOLOGY.

MISS MATHEWS.

### 1. General Geology.

Reference study of the principal authorities. Drawings of geological maps and sections. Lectures illustrated by charts, maps and valuable collections of minerals and fossils.

Four hours a week for twelve weeks.

## ANTHROPOLOGY.

MISS MATHEWS.

1. A popular course of twelve lectures; Relation of man to lower animals; Primitive Man; Races of Mankind; Acclimatization; Mound Builders and Pueblo Indians and their customs.
2. Topical Study; use of the growing anthropological library which already includes many rare monographs, besides those sent out by the Smithsonian Institute and Bureau of Ethnology.

Three hours a week for twelve weeks.

Open to Seniors.

## PHYSIOLOGY AND HYGIENE.

MISS BENTLEY.

### 1. Hygiene.

Lectures upon the principal bodily functions and the care of health. Required for entering students in regular and special courses.

## 2. General Physiology.

Recitations and lectures with dissections of the manikin and other models. Examination upon note books and the preparation of papers. Required in the Sophomore or the Junior year.

Four hours a week for twelve weeks.

## 3. Advanced Physiology.

Lectures, required readings, study of special functions in relation to health and disease. Microscopic study of tissues.

Four hours a week for twelve weeks.

## 4. Lectures; Embryology; a collection of special models.

Open to Juniors and Seniors.

The general equipment of the department consists of valuable charts and engravings, skeletons and anatomical preparations, histological specimens, an Auzoux dissectible manikin and models of the eye, ear, heart, larynx, vertical section of the head and a fine model of the brain.

# DOMESTIC SCIENCE.

## MISS SANDERS.

1. a. Household Sanitation. The house considered externally and internally, including plumbing, heating, lighting.  
b. Household Economics. The care of all parts of the house and the ordering of house work. Dangers of dust and dirt.

Lectures, work in reference library, examination upon note books.

Two hours a week for twelve weeks.

2. Chemistry of Cooking. Study of food principles and the foods found under each, together with laboratory work illustrating scientific methods of cooking.

Two hours a week for twelve weeks.

3. Dietaries. Economic and nutritive value of foods. Calculation of dietaries for various occupations, ages and conditions.

Two hours a week for twelve weeks.

The subject of food is illustrated by a series of charts, models and prepared substances arranged for this purpose at the Institute of Technology, Boston. The laboratories and apparatus of the departments of Physics and Chemistry are available in illustrating principles in Domestic Science.

## PHILOSOPHY AND PEDAGOGY.

DR. HITCHCOCK.

1. Logic. Studies upon the Implications of the judgment and the nature of inference.  
Two hours a week for twelve weeks.
2. Psychology.
  - a. The facts and principles of general psychology introduced by a brief study of the brain and sense organs, illustrated by special models. Text-book, James' Briefer Course; collateral readings in other psychological works. Recitations; reports; lectures.
  - b. Lectures and readings on the methods and principles of experimental psychology. Simple experiments performed to illustrate the principles.Five hours a week for twelve weeks.
3. Ethics.

Introductory study based on Thilly's Introduction to Ethics and Sedgewick's History of Ethics. The great systems of Ethics and present ethical tendencies considered in lectures and discussions.

Four hours a week for twelve weeks.  
Courses 1, 2, 3 required in the Junior or in the Senior year.
4. Philosophy.
  - a. Outline of Greek Philosophy, followed by a study of the lines of development in modern philosophy. The systems of Locke, Hume and Kant are especially emphasized; Lectures; reports on collateral readings.
  - b. Historical Introduction to philosophy. This course is designed to give an intelligent idea of the various branches embraced under the term philosophy, their relation to each other and the problems involved. Külpi's Introduction to Philosophy and Roger's Modern Philosophy used as the basis of the course.
  - c. A study of Aesthetic theories. This course is based on Bosanquet's History of Aesthetics; readings from other authors; constant reference to classic examples of the beautiful in literature and the fine arts.a, b, c Each four hours a week for twelve weeks.



5. History and Theory of Education.  
Outline study of educational systems and problems with reference to their development and psychological foundation.  
Four hours a week for twelve weeks.

## **ECONOMICS AND SOCIOLOGY.**

DR. HITCHCOCK.

1. Introductory study of the principles of economics.  
Three hours a week for twelve weeks.
2. Industrial History of England and the United States.  
Two hours a week for twelve weeks.
3. a. Brief study of principles underlying the development of the community; the nature and significance of social facts.  
Text-book, Gidding's Principles of Sociology.  
b. A study of various social problems, based on Carroll D. Wright's Elements of Practical Sociology.  
Four hours a week for twelve weeks.  
Open to Juniors and Seniors.

## **HISTORY.**

MISS LAWRENCE.

1. Mediaeval History and the origin, progress and results of the Reformation in England, France and Germany.  
Three hours a week for twelve weeks.
2. History of England and France from 1603 to 1815.  
Three hours a week for twelve weeks.
3. a. European History from 1815 to the present time.  
b. Development of present Political Institutions in the United States.  
Each course three hours a week for twelve weeks.  
1, 2 and a or b of 3 are required in the classical and literary courses,  
a or b of 3 in the scientific course.

## **BIBLE HISTORY AND LITERATURE.**

MISS LAWRENCE.

1. Hebrew History.  
History of Israel from Abraham through the exile, with growth of the idea of the Messiah. By recitations and lectures.

2. History of the post-exilic times through the struggle of the Maccabees to the birth of Christ. Growth of the legal and wisdom books by lectures.
3. The teachings of Christ, the founding of the Christian Church, the Epistles of Paul.  
1, 2, 3 required in all courses.  
Three hours a week throughout the year.
4. The History and Literature of the Hebrew people from the earliest times to 200 A. D.  
Three hours a week throughout the year.  
Open to Juniors and Seniors.
5. Lyric and Epic Poetry of the Bible.  
Three hours a week for twelve weeks.
6. Historical study of the Life of Christ.  
Stevens and Burton's Harmony of the Gospels is used as a basis.  
Three hours a week for twelve weeks.
7. The Christian Church, the Catholic Epistles, and the Revelation.  
Three hours a week for twelve weeks.
8. a. History of Christian Missions.  
An outline from the Third Century to the present time.  
b. Sociological value of Christian Missions. Reference, Dennis' Christian Missions and Social Progress.

## HISTORY OF ART.

MISS RANSOM, MISS KEFFER.

1. a. Egyptian Archæology, Babylonian-Assyrian Art. Tombs and Temples. Portrait Statues. Relief Sculptures. Decorative Art.  
b. Classical Archæology. The Mycenæan Civilization. Greek Temples. Sculpture as the characteristic art of Greece. Architectural History of Rome. Temples. Typical buildings of imperial times.  
Four hours a week for twelve weeks.  
Open to Juniors and Seniors in 1902-1904.

2. Art Interpretation and Criticism. Study of beauty in nature and works of art. Methods of picturemaking, sculpture and pottery.

This course serves as a basis for general reading in art history and criticism.

3. Outline study of History of Architecture. Sculpture and Painting.

Courses 2, 3 extend throughout the year, four hours a week.

The illustrations of the History of Art consist of maps, plans, engravings, Arundel prints, photographs, casts and lantern slides. The valuable books of the Art Library are rendered more available to the students through topical references. The publications of the Egypt and Palestine Exploration Funds are received.

#### DRAWING AND PAINTING.

1. Freehand Drawing.

Recommended to students of Natural Sciences and History of Art.

2. Drawing from casts, still-life, plants and occasional poses; preparation for advanced studio work in drawing and painting.

Courses 1, 2, each three hours a week throughout the year, counting as one hour course if taken three consecutive periods; no extra charge for either course.

3. Individual Studio Work. Drawing from casts, from life, and the antique. Groups of still-life, plants. Sketching.

4. Painting from still-life in water color and oil.

3 or 4 counted as an elective on the basis of six hours a week including lectures upon the practice of art and reference study in the art library.

#### PHYSICAL TRAINING.

MISS WELTON.

Systematic and progressive work in a four years' course is required of all students unless excused upon examination. All the exercises are carefully graded and adapted to the special needs of young women and all work in the gymnasium is under the direct supervision of the instructor. Special or private work is given where there is need of individual care or muscular development.

The instructor is a graduate of the Allen gymnasium, Boston, in the full normal course which includes instruction in Anat-



omy, Physiology and Hygiene, the study of the science of movements and experience in class leading and in private work.

In the daily drill use is made of Swedish movements based on the philosophical system of Ling, first used in Sweden in 1813, and the first system devised for harmonious development of the body. Combined with these exercises are the deep breathing movements and other exercises arranged by Miss Allen. Movements growing out of the Delsarte theory are used to give poise, elasticity and nerve relaxation. Wherever it is possible, the exercises are adapted to music. The apparatus consists of wooden and iron dumb-bells, clubs and hoops, adjustable chest weights, horizontal bar and breast bars.

The grounds, comprising twenty acres, afford pleasant opportunities for out of door exercise in the paths laid out for bicycling and walking, in the large grove and in the field prepared for basket ball and other games. A daily register is made of the time spent out of doors, in walking and in games.

The health of the students is cared for by Miss Bentley, who gives lectures upon Hygiene and instruction in Physiology. She may be consulted without charge, and communications from parents in regard to the health of students may be addressed to her.

## MUSIC.

The department of Music during the college year 1898-99 was reorganized upon the basis of a Conservatory of Music, open to resident and non-resident students of either sex and offering to candidates for graduation one of the following courses :

1. Pianoforte, Voice Culture, Theory, History of Music, French, German and Italian.
2. Pianoforte, Organ, Theory, History of Music.
3. Pianoforte, Violin, Theory, History of Music.

Music may be made an elective in the college course in the case of students who are recommended by the Conservatory Faculty. A year's work in Harmony and for advanced students, vocal and instrumental music may be counted towards the college degree.

The Conservatory is well equipped with grand and upright pianos, Virgil practice claviers, and two large pipe organs, one, a Felgemaker organ of three manuals, and every modern convenience for advanced organ study, also a large Johnson and Son's two-manual organ.

Steinway and Sons' Grand Pianos are used by instructors.

Students have the use of a large circulating library of music.

## THE COLLEGE CHORUS AND GLEE CLUB.

Chorus work is required of all students who are sufficiently qualified to study this form of music. Allowance is made for the time spent in chorus if the student desires to obtain a college degree. The fee is one dollar a year for each student.

For the study of sacred music the finest English anthems for mixed voices are used, being arranged for ladies' voices. Anthems for the different sacred festivals of the year are sung.

It is believed that few American colleges for women are able to surpass the chorus work produced at Lake Erie College. Superior voices have been selected by examination, and the quality

of work is in every way of a high standard. The finest voices of the chorus are admitted to more advanced work in the Glee Club.

Mention is here made of a few selections studied by the chorus and Glee Club:

"The Song of the Norns" .....	Heinrich Hofmann.
"Summer Nights" .....	Heinrich Hoffmann.
"Spinning Chorus from 'The Flying Dutchman'" ..	Wagner.
"The Water Nymph" .....	Rubinstein.
"Summer Night" .....	Gade.
"The Flight Into Egypt." .....	Bruch.
"St. John's Eve" .....	Chaminade.
"The Sailor's Christmas" .....	Chaminade.
"Nymphs' Chorus" from "Psyche" .....	Ambroise Thomas.
"Song of the Winds" .....	Becker.
"The Water Sprite" .....	Schumann.
"Glide On, Glide On" .....	Delibes.
"In May" .....	Horatio Parker.
"The Water Fay" .....	Horatio Parker.
"The Fisher" .....	Horatio Parker.

Many others also have been presented in concert.

### STUDENTS' WEEKLY RECITALS.

A very important part of the work will be the appearance in weekly musicales of students who are sufficiently qualified, the object being to insure confidence and perfect ease of manner.

### ARTISTS' RECITALS.

Recitals have been given by such artists and critics as Mme. Fannie Bloomfield-Zeisler, Mrs. Genevra Johnston-Bishop, Miss Mary Louise Clary, Miss Villa Whitney White, Mrs. S. C. Ford, Miss Kathrin Hilke, Mrs. Hattie Pettie Foster, Mr. Max Heinrich and Miss Julia Heinrich, Mr. William H. Sherwood, Mr. Otto Bendix, Mrs. Stella Hadden-Alexander, Mr. William Rieger, Mr. Leopold Godowsky, Mr. E. A. MacDowell, Mr. Carl

Faelten, Mr. Constantine Sternberg, Mr. Edward B. Perry, Mr. Frederic Archer, Mr. Charles W. Russell, Dr. Carl Dufft, Mr. Whitney Mockridge, Mr. George Andrews, Mr. William C. Carl, Mr. Charles E. Clemens, Mr. Henry E. Krehbiel, Mr. Louis Elson, Mrs. Charles W. Rhodes, and such organizations as The Singers' Club (male) of Cleveland, the Bernard Listemann Club, the Detroit Philharmonic String Quartet, and the Cleveland Philharmonic String Quartet. An opportunity to hear such artists will still be afforded, and also to attend Recitals, Symphony Concerts and Grand Opera in the neighboring city of Cleveland.

## EXPENSES.

The charge for board, room and tuition for the college year is \$250. Each student will pay at the opening of the college year in September \$150, of which \$75 is tuition. The remainder, \$100, is due January 3, 1901.

The tuition \$75 must always be paid in advance and is not subject to return or deduction.

No deduction will be made for board except in case of serious illness or other necessity. In such case the charge will be \$6 a week.

For use of laboratories in Chemistry, Biology, Botany,

Domestic Science, each per term.....\$ 2 00

Each per year ..... 5 00

Physics per term..... 1 00

For use of Library, in History and Literature when no..

text-book is required, each per term..... 1 00

Each per year ..... 2 50

For private instruction in drawing, per year ..... 45 00

For private instruction in painting, per year..... 50 00

Students who need special instruction in order to enter the regular course (see admission of students, page 9,) will be charged by the hour and according to the number in a class.

Laundry work and extra cleaning of students' rooms at reasonable rates.

A charge of 15 cents is made for meals served in a student's room.

Applicants for single rooms will pay \$10 a term, or \$25 a year.

## EXPENSES FOR MUSIC.

### TUITION.

Per term of twelve weeks, payable strictly in advance, two half-hour lessons per week, of a leading instructor:

Pianoforte, Voice, Organ, each.....\$24 00

The same of an assistant instructor..... 18 00

One lesson per week of a leading instructor :

Piano, Voice, Organ, each .....	12 00
The same of an assistant instructor .....	9 00
Harmony, History of Music, French, German, Italian, each	10 00

The tuition for Violin or other instruments will be according to the fees charged by the instructors.

#### OTHER EXPENSES.

Rent of Piano, per term, one hour each day.....	\$3 00
Rent of Pipe Organ, per term, one hour each day.....	12 00
Rent of Practice Clavier, per term, one hour each day....	1 50
Rent of Piano, Private use, per term, according to quality .....	\$16 00 to 20 00
Rent of Pipe Organ, per term, two hours each week .....	4 50

#### RENT OF MUSIC LIBRARY.

4 selections out at one drawing, per term.....	\$ 1 00
5-8 selections out at one drawing, per term.....	2 00
Use of Chorus Music, per year.....	1 00
<i>Artists' Recitals, per term.....</i>	<i>1 00</i>

**N. B.**—No allowance made for lessons omitted by pupils, except in case of protracted illness, when the loss will be shared equally.

**Application for admission to the Conservatory of Music may be made at the office in Memorial Hall, room 9, ground floor.**

For courses of study, and other information in detail, see the Conservatory Catalogue, for which apply to Miss Luette P. Bentley, Dean of the Faculty, or Mr. Harry Clyde Brooks, Painesville, Ohio.



## LOCATION AND BUILDINGS.

Painesville, thirty miles east of Cleveland and three miles south of Lake Erie, is famed for its shaded streets and beautiful homes. It is closely connected with Cleveland by railways and electric cars. The college grounds in the western part of the town on Mentor Avenue comprise twenty acres, including a grove, bicycle paths, a field for exercise, and, in front, an attractive entrance through an avenue of fine trees.

The main building contains the social hall, dining hall, gymnasium, library, class rooms for Languages, Literature and History, and the living rooms for instructors and students. The rooms for Latin, History and Bible study are furnished with maps, casts and photographs. Each department has its own reference books, and there is a general reference library.

Memorial Hall for Music and Art, dedicated in 1891 to the memory of founders and friends, contains, besides the rooms for practice in Music and for instruction in Drawing and Painting, a hall of perfect proportions for musical purposes with a seating capacity of six hundred, including seats for a chorus of one hundred. The hall has been recently decorated in an artistic scheme of color harmonizing with the stained glass memorial window, the new organ and the corridors where casts and reliefs illustrate the best periods of art. The large three manual organ built for the Conservatory of Music by A. B. Felgemaker combines the latest results in mechanical invention with artistic effect and a high degree of perfection in tone. A new organ room has been constructed for the two manual organ presented in 1891 as a memorial of Anna Steese Harvey.

Through the efforts of the faculty and students, Social Hall has been renovated with new ceiling and woodwork, and with a mantel and fireplace, the gift of the class of 1880. The Hall is the centre for the daily life of the college and for social gatherings, and it is also kept in close association with the past by an increasing number of fine portraits and other oil paintings, the gifts of successive classes and old friends of the college.



The gift of \$10,900, from Mr. Jared Murray of Concord, insures to the college the long desired building for a reading room and library. A recent gift of \$1,000 has added a valuable collection of works in art history, editions of French and German classics and other works for the departments of History and Literature.

Science Hall, dedicated in June, 1897, contains in the west wing the laboratories and lecture rooms for Physics and Chemistry, and in the east end those for Biology, Botany and Physiology. There are also class rooms for Mathematics and a general lecture hall with seats for two hundred. New tablet chairs for taking notes have been recently presented. The third story is devoted to the museum and to class work in Geology. Each department has a laboratory and a lecture room with apparatus room and private study for the instructor. The laboratories are well furnished for scientific work. The department of Physiology, with its exceptional outfit of models, charts and other illustrations, now has room for the development of courses additional to the required work. Each department in Science has its own reference books. There is also a general reading room, with scientific periodicals and other publications of value to all the departments, including the Smithsonian publications.

Additional facilities have been introduced in the departments of Chemistry and Domestic Science, including for the latter the reconstruction of the Domestic Hall and Dining Hall in the main college building.

#### **HITCHCOCK FUND FOR THE AID OF STUDENTS.**

Through the liberality of the Hon. Reuben Hitchcock, of Painesville, president of the Board of Trustees from the founding of the Seminary in 1856 till his death in 1883, the Hitchcock Fund was established for the aid of faithful students of limited means who are prepared to enter the regular course of study.

It was the earnest desire of the founder of this fund that the price of board and tuition should be kept at the lowest possible rate and, in case of necessary advance in the charges, that the income of this fund should be so applied as to assist as many as possible who would otherwise be prevented from pursuing a

course of study. Assistance will be given in sums varying according to the needs of students. Applications must be made early, accompanied with certificates of scholarship and character. Preference will be given to those who are prepared for the regular courses of study.

During forty years Lake Erie College and Seminary has given instruction to nearly four thousand students coming from many states of the Union and now scattered through all parts of this land, while some are in foreign lands. Although not local in character or design, most of the contributions to its funds have come from citizens of Painesville and Northern Ohio. The gifts of the first president of the trustees, including the Hitchcock Fund, amounted to sixty thousand dollars, and others have given according to their means. Whatever may be said of the policy by which an education is given at cost for the benefit of students of limited means, when others might well pay double the amount, the fact remains that the public has reaped the advantage.

At the present time of broader opportunity it is fitting to call attention to the needs of a living and growing college. First among these is:

### **AN ENDOWMENT.**

a. To provide such salaries as will be a just compensation for teachers who must meet the demand for study, travel, books, periodicals and all the means of growth and culture made necessary by the rapid progress of the times in education.

b. To furnish laboratories, apparatus and libraries for each department of instruction.

c. To furnish means of heating, lighting and caring for additional buildings, without which each addition to the College becomes an added burden of expense.

No limit is placed to such an endowment fund, the need for which is as progressive as the progress of education, but the present pressing need is for an endowment of \$100,000.

## FORM OF BEQUEST.

I bequeath to my executors the sum of.....  
dollars, in trust, to pay over the same.....days after  
my decease, to the person who, when the sum is payable, shall act  
as treasurer of the Lake Erie College and Seminary, located in  
Painesville, Lake County, Ohio, incorporated June, 1856, to be  
applied to the uses and purposes of said Institution as directed by  
its Trustees.

## STUDENTS.

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### RESIDENT GRADUATES.

Clara M. Elmer, '92.....	Cleveland.
Helen G. Ingersoll, '96.....	Mentor.

### SENIOR CLASS.

Grace Darling Chapman.....	Elyria.
Margaret Hartley Clarke.....	Circleville.
Clara Louise Crane.....	Toledo.
Flora Cornelia Fitch.....	Jefferson.
Margaret S. Hastings.....	Willoughby.
Louise Ellen Hoffman.....	Painesville.
Ethel Adaline House.....	Salonica, Turkey.
Mabel Elsie Marsh.....	Tallmadge.
Harriet M. Silsby.....	Talladega, Ala.
Sadie D. Storrs.....	Painesville.
Nellie L. Warn.....	Painesville.

### JUNIOR CLASS.

Anna Rachel Davis.....	Kane, Pa.
Mary Davis.....	Pittsburg, Pa.
Nellie W. Parkes.....	Lakeside.
Mary Frances Wright.....	Olivet, Mich.
Florence Crocker.....	North Madison.
Florence E. Wheelock.....	Wheaton, Ill.

## SOPHOMORE CLASS.

Katharine Louise Bleile.....	Columbus.
Fanny V. Brewster.....	Cuyahoga Falls.
May Helen Graves.....	Cleveland.
Anna W. Hulbert.....	Rome.
Luella Mary Larimer.....	Allegheny, Pa.
Alice Edith Stillman.....	Minneapolis, Minn.
Myra G. Cowles.....	Austinburg.
Ethelwyn Haynes.....	Bellevue.
Inez Aletha Hill.....	Berlin Heights.
Erma Moore .....	Vanlue.
Katharine Phoebe Parks.....	Collinwood.

## FRESHMAN CLASS.

Annabel Adair .....	Columbus.
Florence A. Allen .....	Painesville.
Mabelle Chapelle Anderson.....	Painesville.
Anna S. Bassett.....	Kewanee, Ill.
Castella O. Benton.....	Cleveland.
Mabel Edith Curtiss.....	Painesville.
Eva Cooley .....	Lansing, Mich.
Anabel Culbertson.....	Girard, Pa.
Bessie Maude Douglass.....	Claridon.
Elsie G. Ellett.....	Cuyahoga Falls.
Esther Preston Gibbs.....	Norwalk.
Mary Jenkins .....	Jamestown.
Ina Margaret Laird.....	Oberlin.
Grace Lincoln .....	Painesville.
Clara Bell McNab.....	Youngstown.
Rose M. E. Nissen.....	Port Clinton.
Minnie Agnes Paine.....	Chardon.
Ethel Mae Peck.....	Richmond Center.

Adah Ragsdale.....	Des Moines, Ia.
Nelle W. Reese.....	Ravenna
Theodora Hine Close.....	Berlin Heights.
Eva L. Stearns.....	Bradford, Pa.
Frances Eliza Smith.....	St. Clairsville.
Anna T. Viall.....	Tallmadge.
Mabel A. Vogleson.....	Columbiana.
Lillian M. Wilkes.....	East Cleveland.

### SPECIAL STUDENTS.

Maudine Edna Burdick.....	Madison.
Alta J. Charter.....	Chardon.
Elizabeth Taylor Clark.....	Claridon.
Jessie Collier .....	Cleveland.
Lena Louise Cone.....	Painesville.
Roy Jewel Crocker.....	Madison.
Agnes Crosby .....	Ashtabula.
Pearl Eggleston .....	Claridon.
Helen Einstein .....	Cleveland.
Olive Felgemaker.....	Erie, Pa.
Edith M. Dorr.....	Centre Sandwich, N. H.
Bertha A. Greene.....	Painesville.
Sadie Grace.....	Logansport, Ind.
Julia Grace Kineaid.....	Metropolis, Ill.
Mary Kinnear.....	Elmwood, Ill.
Elma Annie Lawrence.....	Burton.
Georgiana Lewis .....	Galion.
Evelyn Daisy Lodge.....	Cuyahoga Falls.
Josephine E. Manly.....	Malta.
Maude Olive McConnell.....	Seattle, Wash.
Harriet Isabell MacVean.....	Corfu, N. Y.
Nellie Warren Miller.....	Chesaning, Mich.
Bernice C. Perkins.....	Hudson, Mich.



Bertha Lucretia Rockwell.....New York, N. Y.  
 Faye B. Sperry.....Utica.  
 Edith M. Straight.....Aurora.  
 Martha Irene Thompson.....Hudson, Mich.  
 Mayno G. Wickham.....Norwalk.  
 Elizabeth Wilson .....Utica.

# **PREPARATORY STUDENTS IN MUSIC AND OTHER COURSES.**

Anne S. Anderson.....Youngstown.  
 Eudora W. Billingsley.....Chardon.  
 Blanche Carl .....Shreve.  
 Lillian Conley.....West Farmington.  
 Belle Cless Denton.....Lancaster.  
 Edna Geneveve Grant.....Omaha, Neb.  
 Gussie K. Hamilton.....Kelley's Island.  
 Mabel Louise Hamilton.....London.  
 Mabel Hubbard .....Painesville.  
 Adeline Cassandra Jones.....Cleveland.  
 Violet H. King.....Pittsburg, Pa.  
 Henrietta Pearl Kirby.....Marietta.  
 Adeline Monier.....Charleroi, Pa.  
 Karolyn M. Norton.....Edinburg, Ind.  
 Ida M. Noll.....Marietta.  
 Emmalyn Park.....Rochester, Pa.  
 Alice Josephine Patterson.....East Cleveland.  
 Hazel Belle Rabe.....Oakland, Cal.  
 Florence M. Street.....Braddock, Pa.  
 Morna Eleanor Selover.....Cleveland.  
 Grace Woodruff .....Salem.



## CONSERVATORY OF MUSIC STUDENTS.

### CANDIDATES FOR GRADUATION IN 1901.

Alta J. Charter.....	Chardon.
Elizabeth Taylor Clark.....	Claridon.
Roy Jewel Crocker.....	Madison.
Bertha A. Greene.....	Painesville.

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Annabel Adair .....	Columbus.
Florence A. Allen.....	Painesville.
Anne S. Anderson.....	Youngstown.
Lola Ayer .....	Painesville.
Anna S. Bassett.....	Kewanee, Ill.
Eudora W. Billingsley.....	Chardon.
Jessie Clayton .....	Painesville.
Jessie Collier .....	Cleveland.
Lillian Conley .....	West Farmington.
Flora Cook .....	Mentor.
Agnes Crosby .....	Ashtabula.
Clara Davies .....	Painesville.
Anna Rachel Davis.....	Kane, Pa.
Belle Cless Denton.....	Lancaster.
Pearl Eggleston .....	Claridon.
Helen Einstein .....	Cleveland.
Olive Felgemaker .....	Erie, Pa.
Helen Frost .....	Mentor.
Sadie Grace.....	Logansport, Ind.
Ada George .....	Painesville.
Edna Geneveve Grant.....	Omaha, Neb.
Lillian Hailstone .....	Painesville.
Martha Higgins .....	Painesville.
Louise Ellen Hoffman.....	Painesville.
Mary Jenkins .....	Jamestown.

Adeline Cassandra Jones.....	Cleveland.
Katheryn King .....	Painesville.
Violet King .....	Pittsburg, Pa.
Mary Kinnear.....	Elmwood, Ill.
Henrietta Pearl Kirby.....	Marietta.
Elma Annie Lawrence.....	Burton.
Evelyn Daisy Lodge.....	Cuyahoga Falls.
Josephine E. Manly.....	Malta.
Maude Olive McConnell.....	Seattle, Wash.
Clara Bell McNab.....	Youngstown.
Nellie Warren Miller.....	Chesaning, Mich.
Ida May Noll.....	Marietta.
Karolyn M. Norton.....	Edinburg, Ind.
Bessie Osborne .....	Painesville.
Lotta Osborne .....	Painesville.
Emmalyn Park.....	Rochester, Pa.
Minnie Agnes Paine.....	Chardon.
Bernice C. Perkins.....	Hudson, Mich.
Mabel Post .....	Painesville.
Alma Pratt .....	Painesville.
Hazel Belle Rabe.....	Oakland, Cal.
Luella Reynolds .....	Painesville.
Morna Eleanor Selover.....	Cleveland.
Frances Eliza Smith.....	St. Clairsville.
Faye B. Sperry.....	Utica.
Eva L. Stearns.....	Bradford, Pa.
Mildred Sherman .....	Painesville.
Florence M. Street.....	Braddock, Pa.
Alice Edith Stillman.....	Minneapolis, Minn.
Gertrude I. Taylor (Mrs.).....	Mentor.
Martha Irene Thompson.....	Hudson, Mich.
Anna T. Viall.....	Tallmadge.
J. C. Ward (Mrs.).....	Painesville.

Katherine Warren .....	Painesville.
Mayno G. Wickham.....	Norwalk.
Elizabeth Wilson .....	Utica.
Alice Woodford .....	Painesville.
Grace Woodruff .....	Salem.

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Benson Barthrick .....	Cleveland.
Leonari Hunt .....	Geneva.
James Hurley .....	Painesville.
Alanson Ingersoll .....	Mentor.
Will Sexton .....	Geneva.
Philip Viall .....	Painesville.
Charles Wyman .....	Painesville.

#### STUDENTS IN ALL DEPARTMENTS OF MUSIC.

Piano .....	54
Organ .....	16
Voice .....	23
Theory .....	12
History of Music.....	15
Violin .....	2
<hr/>	
Total .....	122

## LAKE ERIE ALUMNAE ASSOCIATION.

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### PRESIDENT.

Mrs. Ellen Fisher Vincent.....Oberlin, O.

### SECRETARY AND TREASURER.

Mrs. Elizabeth Aldrich Lyman.....Lake Erie College.

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## LOCAL ASSOCIATIONS.

### PITTSBURG.

Mrs. Rebecca Kinsman Christy, 6102 Walnut St., President

### CLEVELAND.

Miss Jennie Prentiss, 95 Streator Ave. President

### PAINESVILLE.

Mrs. Elizabeth Axtell Rand, Washington St., President

### COLUMBUS.

Mrs. Sarah Wilson Drais, Washington Court House, President

### TOLEDO.

Mrs. Adda McWilliams Adams, Parkwood Ave., President

### LAKE SHORE.

Mrs. Gertrude Reynolds Hill, Berlin Heights, O., President

### WASHINGTON, D. C.

Mrs. Ella Wise Chance, Q St., Northwest, President

### AKRON.

Mrs. Fannie Pierce Cutler, Tallmadge, President

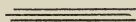
Forty-Third

Annual Catalogue

OF

LAKE ERIE COLLEGE,

PAINESVILLE, OHIO,



1901-1902

Press of  
THE F. W. ROBERTS CO.,  
Cleveland, Ohio.

WILLOUGHBY FEMALE SEMINARY,

WILLOUGHBY, OHIO.

1847—1856.

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LAKE ERIE FEMALE SEMINARY,

PAINESVILLE, OHIO.

Incorporated 1856. Opened 1859.

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LAKE ERIE COLLEGE AND SEMINARY,

1898.

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## THE COLLEGE CALENDAR.

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1902.

Day of Prayer for Colleges.....Thursday, January 30  
Holiday (Washington's Birthday) .....Saturday, February 22  
Third Period of Study.....Thursday, March 13

### SPRING RECESS.

From 11:30 A. M. Wednesday, March 26, to 8:30 A. M. Thursday, April 10  
Holiday (Memorial Day) .....Friday, May 30  
Baccalaureate Sermon .....Sunday, June 15  
Alumnæ Day .....Wednesday, June 18  
Commencement .....Thursday, June 19

### SUMMER VACATION.

College Year Begins.....8:30 A. M., Thursday, September 18  
Founder's Day ..... ———, November —  
Thanksgiving Recess..11:30 A. M. Wednesday, to 11:30 A. M. Friday,  
November 26 to November 28  
Second Period of Study.....Monday, December 8

### WINTER RECESS.

1903.

From 3:30 P. M. Friday, December 19, to 8:30 A. M. Tuesday, January 6  
Day of Prayer for Colleges.....Thursday, January 29  
Holiday (Washington's Birthday).....Saturday, February 21  
Third Period of Study.....Thursday, March 12

### SPRING RECESS.

From 11:30 A. M. Friday, April 3, to 8:30 A. M. Tuesday, April 14

## TRUSTEES.

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Hon. JAMES R. GARFIELD, Mentor,  
*President.*

CARLOS O. CHILD, Painesville,  
*Treasurer.*

FRANK J. JEROME,  
*Secretary.*

Hon. CHARLES A. AVERY, Painesville.

Gen. J. S. CASEMENT, Painesville.

Rev. HIRAM C. HAYDN, D. D., Cleveland.

DAN P. EELLS, Esq., Cleveland.

PETER M. HITCHCOCK, Cleveland.

Hon. ARLINGTON G. REYNOLDS, Painesville.

WILM KNOX, Cleveland.

The Rt. Rev. WILLIAM A. LEONARD, D. D., Bishop of Ohio.

EDWARD W. HAINES, Cleveland.

Mrs. CHARLOTTE WOOSTER BOALT, Class of '62, Norwalk.

Mrs. LOUISE PORTER SMITH, Class of '69, Elyria.

Representing the Alumnæ.

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## EXECUTIVE COMMITTEE.

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CHARLES A. AVERY,

CARLOS O. CHILD,

JAMES R. GARFIELD,

ARLINGTON G. REYNOLDS,

FRANK J. JEROME.

## THE FACULTY.

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(In order of appointment.)

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MARY EVANS, A. M., LITT. D., PRESIDENT,

LUETTE P. BENTLEY, DEAN,  
PHYSIOLOGY AND HYGIENE.

\*MARTHA E. LAWRENCE,  
HISTORY, BIBLE.

SARAH M. KENDRICK,  
ENGLISH LANGUAGE AND LITERATURE.

\*CLARA M. HITCHCOCK, PH. D.,  
PHILOSOPHY.

HARRIETT E. MCKINSTRY, PH. M.,  
LATIN LANGUAGE AND LITERATURE.

EMILY WILCOX REED,  
HISTORY.

ELIZABETH A. BURTON, REGISTRAR.  
MATHEMATICS.

\*MARY ELIZABETH MATHEWS,  
GEOLOGY, ANTHROPOLOGY.

MATILDA A. WELTON,  
PHYSICAL TRAINING.

MARY KEFFER,  
DRAWING, PAINTING, ART HISTORY AND CRITICISM.

MARY CHILTON NOYES, PH. D.,  
MATHEMATICS, PHYSICS.

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\*Absent part or all of the year.

CLARA M. STEARNS,

GERMAN.

EDNA D. DAY, M. S.,

CHEMISTRY, BIOLOGY, HOME ECONOMICS.

AMY R. KELLY, A. B.,

ASSISTANT IN ENGLISH AND FRENCH.

ELIZABETH DAY SEYMOUR, M. A.,

GREEK.

ADÈLE E. ROUX,

FRENCH.

ANNA L. HUNTLEY,

SUPERINTENDENT OF DOMESTIC DEPARTMENT.

MRS. ELIZABETH A. LYMAN,

SECRETARY.

KATHARINE R. SAGE,

LIBRARIAN.

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### CONSERVATORY OF MUSIC.

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HARRY CLYDE BROOKS, DIRECTOR.

VOICE, PIANO, HARMONY.

ANNA M. MONROE,

ORGAN, HISTORY OF MUSIC.

JAY R. HALL,

PIANO.

\*HELEN JEWETT PRATT,

PIANO.

ALTA JANE CHARTER,

VOICE, PIANO.

\*ROY JEWELL CROCKER,

PIANO.

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\*Absent for study in Europe.

## NON-RESIDENT LECTURERS,

1901-1902

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PROFESSOR FRANK K. SANDERS, YALE UNIVERSITY,  
THEMES OF ISRAELITISH PROPHECY.

PROFESSOR EDWARD W. MORLEY, WESTERN RESERVE UNIVERSITY,  
THE INTERNATIONAL BUREAU OF WEIGHTS AND MEASURES.

PROFESSOR FRANCIS W. KELSEY, UNIVERSITY OF MICHIGAN,  
TEN YEARS OF EXCAVATION AT POMPEII.

PROFESSOR FRANCIS H. HERRICK, WESTERN RESERVE UNIVERSITY.  
THE WILD LIFE OF BIRDS.  
NEW METHODS IN THE STUDY OF BIRDS.

PROFESSOR EDWARD DICKINSON, OBERLIN CONSERVATORY OF MUSIC.  
HISTORY OF MUSIC.

PROFESSOR ROBERT W. DEERING, WESTERN RESERVE UNIVERSITY,  
THE NIBELUNGEN-LIED.

REV. EDWARD A. STEINER, PH. D., SANDUSKY, OHIO,  
THE MODERN MOVEMENT IN GERMAN LITERATURE.  
THE SLAVIC PEOPLES.

REV. JOHN P. JONES, D. D., MADURA, INDIA,  
THE RELIGIONS OF INDIA.

## ADMISSION OF STUDENTS.

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Lake Erie College admits the following classes of students:

First—In all applications, preference is given to graduates of High Schools fully prepared for the college courses.

Second—Graduates of High Schools for one or more years of special study.

Third—Students entering the regular courses in Music, having completed the equivalent of a High School course.

Fourth—*a.* Students who need a year or two in preparation for college work. At the opening of the year in September, classes will be formed in English Composition and Rhetoric, in Cicero and Vergil, in Greek, French and German, in History and in Plane Geometry.

*b.* Students who wish to combine Music or Art with some special studies according to their previous preparation. The studies of the college course cannot be taken without the preparatory discipline of Mathematics and Language. Students taking a partial course in Music will fill their schedule with work selected for them according to their age, maturity and scholarship.

Instruction in preparatory work below the classes mentioned in Fourth, *a.* will be subject to special charges. See Expenses, page 34.

Students in Music will be charged for board, instruction in music and for tuition in other studies according to rates stated in Expenses, page 34.

### CERTIFICATES.

Entering students may present in place of examinations certificates from accredited schools, with the understanding that scholarship after entrance must be satisfactory. The work of the first term will be probationary. Certificates must specify in connection with each study the text-books used, the method of instruction, the amount of time given to the study, the date of final examination and the mark for scholarship. Blank forms will be furnished which should be filled out and returned, accompanied by all necessary information as to health, character, plans for study, and standing in other colleges and schools.



## REQUIREMENTS FOR ADMISSION TO THE COLLEGE COURSES.

Two parallel courses lead to the degrees of Bachelor of Arts and Bachelor of Science. Each of these courses extends through four college years of thirty-five weeks each, and consists of required studies for two years, certain required studies in the Junior and Senior years with a definite amount of elective work. The requirements for admission to both courses are:

ENGLISH.

MATHEMATICS:

Algebra,

Plane Geometry.

HISTORY: Ancient, Mediæval, Modern, or  
English and American.

LATIN.

SECOND LANGUAGE :

Greek or French or German.

SCIENCE.

ENGLISH.—Preparation is required in Grammar, Rhetoric and Composition, to include spelling, punctuation, choice of words, construction of sentences and preliminary work in paragraphing. A. S. Hill's Foundations of Rhetoric, Herrick and Damon's Composition and Rhetoric, or equivalents, are recommended for study.

In the literature prescribed for the year, the books marked A are set for reading, and questions upon them will assume a general knowledge of the subject-matter and also of important facts in the lives of the authors. Those marked B are for study and practice in more detailed treatment of the text. Topics for short papers will be chosen from these works. Equivalents for these books will be accepted.

A. 1902 and 1903. Shakespeare's The Merchant of Venice; Pope's Iliad, Books I, VI, XXII, and XXIV; The Sir Roger de Coverley Papers in The Spectator; Goldsmith's The Vicar of Wakefield; Coleridge's The Ancient Mariner; Scott's Ivanhoe; Cooper's The Last of the Mohicans; Tennyson's The Princess; Lowell's The Vision of Sir Launfal; George Eliot's Silas Marner.

A. 1904 and 1905. Shakespeare's Merchant of Venice and Julius Cæsar; The Sir Roger de Coverley Papers in The Specta-

tor; Goldsmith's *The Vicar of Wakefield*; Coleridge's *The Ancient Mariner*; Scott's *Ivanhoe*; Carlyle's *Essay on Burns*; Tennyson's *The Princess*; Lowell's *The Vision of Sir Launfal*; George Eliot's *Silas Marner*.

B. 1902, 1903, 1904 and 1905. Shakespeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro* and *Il Penseroso*; Burke's *Speech on Conciliation with America*; Macaulay's *Essays on Milton and Addison*.

MATHEMATICS.—Algebra—through Involution, Evolution, Radicals, Quadratic Equations, Ratio and Proportion. The text book should be equivalent to Wells' or Wentworth's *Complete Algebra*.

Plane Geometry with original demonstrations, as much as is contained in Wells, or in Wentworth, or in Chauvenet.

HISTORY.—Outlines of the history of Greece and the history of Rome, or

Outlines of the history of England and the history of the United States.

An equivalent in General History may be offered.

FRENCH OR GERMAN OR GREEK.—Two years. Thorough knowledge of the fundamental principles of the grammar. Ability to read ordinary French or German fluently. As a ground of this ability the candidate should have read in French not less than one thousand duodecimo pages and in German not less than five hundred duodecimo pages of classical and contemporary prose and verse from the writings of at least four standard authors.

Ability to follow a recitation conducted in French or German and to answer in that language questions asked by the instructor. Careful attention should be paid to pronunciation. Translation into French or German of a connected passage of English prose.

All candidates are required to present a statement from their instructors, mentioning the text book used and the authors read, including the number of pages translated from French or German into English and from English into French or German.

GREEK.—Grammar, inflections and syntax. Pearson's or Jones' Greek prose composition furnishes the requisite drill for preparation in Greek writing. Xenophon, *Anabasis*, four books. Particular attention should be paid to the syntax and to reading aloud in Greek.

Homer, *Iliad*, Books I-III, mythology and rules of prosody required.

#### ADDITIONAL REQUIREMENTS FOR ADMISSION TO THE ARTS COURSE.

**LATIN.**—Grammar, including a thorough mastery of inflections, a practical application of the simple rules for the composition and derivation of words, syntax of cases and verbs and general structure of sentences. Particular attention should be paid to indirect discourse, to the subjunctive and to relative and conditional sentences. The Roman pronunciation should be used. Practice in marking vowel quantities is important, and training the ear by frequent dictation exercises.

Cæsar, *Gallic War*, four books; Organization of the Roman Army; map studies of ancient Gaul. Attention should be given to indirect discourse and the subjunctive mode.

Cicero, seven orations. Outline of Roman civil institutions.

Latin Prose Composition, Collar and Daniell, Jones or any standard author will be accepted. The constant practice of reading at sight aloud and the translation into Latin of passages of connected English narrative are required with study of geographical, historical and political questions necessary to the comprehension of the author and his period.

Vergil, *Aeneid*, six books, *Eclogues*, I, IV, V, VII, VIII, X, will be accepted as an equivalent for one book of the *Aeneid*. Prose will not be accepted as an equivalent for verse.

A preparatory year of Latin, including Vergil, Cicero and Prose Composition will be allowed in the case of entering students whose opportunities for the thorough study of Latin have been limited.

**SCIENCE.**—One year of Physics or Chemistry. The candidate may substitute for this year of Science, a third year of second language, or the first year of a third language, or any three of the following subjects, each representing the work of a term of twelve weeks: Physical Geography; Physiology; Physics; Chemistry; Biology; Botany; Astronomy; Geology.

ADDITIONAL REQUIREMENTS FOR ADMISSION TO THE SCIENCE  
COURSE.

**LATIN.**—To Vergil, or three years' work in German, or in French.

**SCIENCE.**—One year of Physics *and* Chemistry. But, for one year of Science may be substituted one year of French or German, the language not presented for entrance, or any three of the following subjects, each representing the work of a term of twelve weeks: Physical Geography; Physiology; Physics; Chemistry; Biology; Botany; Astronomy; Geology.

**COURSES REQUIRED FOR GRADUATION.**

Fifteen hours weekly are required in the First and Second Years. An hour includes the period, sixty minutes, given to recitation and the time, usually two hours, required in preparation. All students in the regular or the special courses will attend the lectures upon Hygiene and, unless excused upon examination, will enter the classes in Voice Culture and in Physical training with outdoor exercise.

In the Freshman Year the required work is chiefly Languages and Mathematics. History may be taken in the Sophomore and in the Junior Year, or if additional work in Languages is elected, History may be deferred till the Junior Year.

The Bible courses may be taken in consecutive years or may be combined in the Sophomore or the Junior Year.

The required Science includes Physiology and one year's work in Physics or Chemistry for the Arts Course and two years of one Science for the Science Course.

The Philosophy includes Logic, Psychology and Ethics. Logic and Psychology may be taken in the Junior or the Senior Year. Ethics in the Senior Year.

During the Sophomore Year the student is expected to mark out within certain limits, a certain line of work, embracing related subjects, to which she will adhere during her Junior and Senior Years.



## ELECTIVE STUDIES.

Elective studies are combined with required studies in such an amount as to complete the equivalent of fifteen hours of recitation weekly in the Freshman and Sophomore Years and not less than thirteen hours weekly in the Junior and Senior Years. Elective studies are subject to the approval of the Faculty and are chosen with reference to the lines of study indicated in the Arts and Science Courses leading to the degrees of Bachelor of Arts and Bachelor of Science.

### COURSES OF STUDY.

#### COURSE LEADING TO THE DEGREE OF A. B.

*Freshman Year.*                      *Sophomore Year.*

(Figures indicate the number of hours per week.)

Mathematics,	4	Physics,	}	
Latin,	4	Chemistry,		5
Greek,	}	Biology,		
French,		Language,		4
German,		History,		3
English,	3	English,		3

The second language elected in the Freshman Year is dependent upon the language presented for entrance.

#### COURSE LEADING TO THE DEGREE OF B. S.

*Freshman Year.*                      *Sophomore Year.*

Mathematics,	4	Biology,		5
French,	4	Physics,	}	
		Chemistry,		5
German,	4	English,	}	
		and		
English,	3	History,		3
		Household Sanitation,		2

If the course in Home Economics is elected, the course in art, design and decoration is substituted for either French or German, in the Freshman Year, and Physiology for English in the Sophomore Year.

Required for Junior and Senior Years of both courses.

Philosophy,

Physiology,

Bible.

## COURSES OF INSTRUCTION.

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### LATIN.

MISS MCKINSTRY.

1. Cicero, *De Senectute*; selections from Latin poets, Latin writing.

Translations at sight and from hearing; study of the Stoic and Epicurean doctrines.

2. Livy, Books XXI, XXII; Latin writing.

Study of style, collateral reading in Roman history.

3. Horace, selections from the Odes and Epodes; *Carmen Sæculare*.

Study of metres and style, collateral reading on Horace as a lyric poet, comparison with the elegy.

1, 2, 3 extend through the Freshman year of the arts course, four hours a week.

### ELECTIVE COURSES IN LATIN LITERATURE.

4. Pliny, *Selected Letters*; Tacitus, *Agricola* and *Germania*.

Collateral reading; study of characteristics of literature of the Silver Age. Three hours a week for twelve weeks.

5. Roman Literature, Selections from Representative Authors; Latin writing.

Three hours a week for twelve weeks.

6. Horace, *Satires* and *Epistles*; Persius and Juvenal; History of development of Satire.

Three hours a week for twelve weeks.

7. a. Cicero, *Letters*; Study of Cicero in private life; the political, literary and historical condition of the times.

Three hours a week for twelve weeks.

b. Cicero, *De Officiis*, *Tusculan Disputations*, selected portions.

Three hours a week for twelve weeks.



8. Comedy; Selected plays of Plautus and Terence.

Attention is given to archaic forms and constructions, and to the study of metres.

Two hours a week for twelve weeks.

9. Lyric and Elegiac Poetry. Collateral reading. Study of the development of the Elegy.

Two hours a week for twelve weeks.

COURSES IN ROMAN LIFE AND INSTITUTIONS.

10. Roman Political Antiquities. Lectures. The development of the institutions of the regal period into republican forms and offices and their final absorption into those of the empire.

Two hours a week for twelve weeks.

11. Roman Private Life. Lectures. Reports on assigned subjects.

Offered in 1903-1904.

12. Introduction to Roman Archæology. Lectures. Elements of Archæology; topography and architectural history of ancient Rome. Studies in Pompeii; minor monuments, gems and coins.

Offered in 1902-1903.

Three hours a week for twelve weeks.

Courses 11, 12 are abundantly illustrated with photographs, casts and lantern views.

COURSES FOR SPECIAL AND ADVANCED STUDENTS.

13. Sight Translation.

Rapid reading of Latin at sight and on hearing.

Two hours a week for twelve weeks.

14. Teachers' course in Cæsar and Vergil; study of syntax and interpretation of text.

Designed for those who intend to teach.

15. Advanced course in Latin writing.

Open to students who have maintained a high grade of scholarship in previous Latin study.

Three hours a week for twelve weeks.

16. Study of Latin Inscriptions.

Two hours a week for twelve weeks.

## 17. Historical Latin Grammar.

Offered in 1903-1904.

Three hours a week for twelve weeks.

## GREEK.

MISS SEYMOUR.

1. Lysias, selected orations; study of historical setting, and of legal procedures. Prose Composition based on Lysias.
2. Plato, Apology and Crito.
3. Homer, selections from the Odyssey. Epic forms and syntax. Study of Homeric antiquities in connection with recent archæological discoveries.

1, 2, 3 extend throughout the year, four hours a week.

4. Demosthenes, selections with study in Greek oratory and civil institutions.

Three hours a week for twelve weeks.

5. Historians; selections from Herodotus and Thucydides.
6. Plato; Phædo.

Four hours a week for twelve weeks.

7. Origin and development of Greek Drama. Aristotle's Theory of Tragedy. Reading and criticism of selected dramas; Aeschylus; Prometheus; Sophocles; Oedipus Tyrannus; Antigone; Euripides; Medea.

Four hours a week for twenty-four weeks.

8. Greek Testament; Study of the New Testament philology and syntax.

Two hours a week for twelve weeks.

A large and well lighted room is furnished with reference books, maps, photographs and casts for the use of students in Latin and Greek, including Kiepert's wall maps, Launitz plates illustrating Roman life, Englemann's Homeric Atlas and the archæological charts of Mycenæ and Tiryns. There is a fine collection of medallion reliefs from coins and medals with some rare coins, all of which are valuable for illustrative purposes. Casts from the frieze of the Parthenon and busts of heroic size of the Juno Ludovisi and the Niobe have been added to the art collections of Memorial Hall by the classes of 1879 and 1891. Through the kindness of the class of 1882 the College was one of the first subscribers to the French publication of the Sidon Sarcophagi, illustrating an important period of Greek Sculpture.

## GERMAN.

MISS STEARNS.

### 1. Elementary German.

This course is for students who have presented either French or Greek for entrance. Grammar, composition and the reading of modern prose. Four hours a week throughout the Sophomore year.

### 2. a. Grammar and Prose Composition.

Two hours a week throughout the Freshman year.

### b. Selected dramas of Lessing, Schiller and Goethe.

Two hours a week throughout the Freshman year.

### 3. a. History of German literature to the eighteenth century.

Two hours a week throughout one year.

### b. Rapid reading from contemporary novelists and dramatists.

Two hours a week throughout one year.

### 4. a. History of German literature of the eighteenth century, with critical study of Lessing, Goethe and Schiller.

### b. History of German literature of the nineteenth century, with rapid reading of authors studied.

Four hours a week throughout the year.

German is the language of the class-room, for all courses.

## FRENCH.

Mlle. ROUX.

### 1. Elementary French.

This course is for students who have presented either German or Greek for entrance. The work includes the study of grammar with special study of verbs and composition, the reading of modern prose.

Four hours a week throughout the Sophomore year.

### 2. a. Grammar, Composition, Literature.

For students who have presented the French required for entrance. Thorough grammatical drill. Study of idioms. Recitations are conducted in French. Students are required to give an oral or written résumé of texts read.

### b. A short course in the outlines of the history of France and the literature are given as a preparation for the detailed study of different periods. The works of the masters of the end of the nineteenth century are read and studied and papers written by students on literary subjects.

Four hours a week throughout the Freshman year.

### 3. French Literature through the period of Louis XIV.

4. Literature of the Eighteenth Century. Representative authors, Voltaire, Montesquieu, Rousseau, Beaumarchais. Lectures, essays.
5. Literature of the Nineteenth Century. Victor Hugo and the Romantic School. Merimée, Musset, George Sand, Gautier. Lectures, essays.
6. Advanced Syntax and Rhetoric. Composition, essays, exercises in pronunciation.

These courses, each four hours a week for twelve weeks.

## ENGLISH.

MISS KENDRICK, MISS KELLY.

### I. Rhetoric.

Instruction is given through topical lessons, lectures, and models illustrating the principles of composition, and the elements and qualities of style. Daily or weekly themes are developed by paragraphs or whole compositions in practice of narration, description and exposition; the elements of argumentation. The themes are subjects of class criticism and individual conference with the instructor.

Required of Freshmen. Three hours a week throughout the year.

2. Historical Development of English Literature. Analysis and comparative study of masterpieces in prose and poetry. Lectures, topical study with library references, papers and discussions on topics suggested by the study.

Adjusted to the requirements of Sophomores in the arts and science courses.

THE FOLLOWING ELECTIVES ARE BASED ON COURSE I OR COURSES

I AND 2.

3. Exposition. Argumentation. Analysis of essays and arguments. Themes and briefs.
4. Journalism.

Practice in reporting, writing editorials and reviews, correcting proof. Study of leading periodicals.

5. Lectures on the Theory of Rhetoric.

Discussions pertaining to college entrance requirements and the teaching of English; criticism of themes; examination of methods and textbooks.



6. Brief history of poetry. Principles of structure as a basis for analysis of lyric poetry; poetic style; metre.
7. Historical outline of American Literature through lectures and readings; study of important authors of the nineteenth century.
8. History of literary criticism; interpretation and comparison in prose and poetry.
9. A comparative study of ballad, epic and dramatic poetry.
10. Prose and Poetry of the Nineteenth Century.
11. a. The short story. Principles of structure in the novel and the drama. Analysis of plot construction and character development.  
Application of these principles in constructive work.  
b. Development of the novel through Eighteenth Century fiction, and the works of Scott, Dickens, Thackeray and George Eliot.
12. The Development of the Essay.
13. The English Drama. The art of Shakespeare studied through several plays. Other selected plays.
14. History of the English Language. Old English Prose and Poetry.

Course 5 is designed for those who expect to teach English.  
Course 6 is prepared with reference to music students.

## **MATHEMATICS.**

DR. NOYES, MISS BURTON.

1. Solid and Spherical Geometry. Original demonstrations required. Problems given to illustrate the use of principles.

If course 1 is presented for entrance, a review of mathematical principles may be required of students who do not present a note book giving evidence of thorough original work.

2. Higher Algebra. Variation; the Progressions, Binomial Theorem; Series; Variables and Limits; Theory of Equations.

3. Plane Trigonometry, with practical applications, and special attention to transformation of formulæ.

Courses 1, 2, 3 extend throughout the Freshman year, four hours a week. Required of all Freshmen.

4. Analytical Geometry (Woods and Bailey).

First period, four hours a week.

5. Differential and Integral Calculus.

Second and third periods, four hours a week.

6. History of Mathematics, by lectures.

Two hours a week for twelve weeks.

7. Methods of Teaching Mathematics.

Two hours a week for twelve weeks.

This course is intended as a preparation for teaching high school mathematics. Courses 6 and 7 given in 1903-1904, and alternate years thereafter.

## PHYSICS.

DR. NOYES.

1. Mechanics and Acoustics.

Five hours a week for twelve weeks.

2. Electricity and Magnetism.

Five hours a week for twelve weeks.

3. Heat and Optics.

Five hours a week for twelve weeks.

Physics is based upon Trigonometry. Courses 1, 2, 3 are required of Sophomores who elect Physics. Laboratory work forms part of each course. By their own observations students are led to understand more clearly the principles studied and to form habits of accurate observation and of recording results in a clear and orderly manner.

4. Journal Course. Reading and reports on current scientific literature.

One hour a week for twelve weeks.

## ASTRONOMY.

DR. NOYES.

1. Elements of Astronomy.

Elective for students who have studied Trigonometry and elementary Physics. The class work will consist of lectures and recitations, a study of



the principal features of the heavens, and preparation of papers on topics relating to the subjects studied. Offered in 1903, 1905.

Five hours a week for twelve weeks.

## CHEMISTRY.

MISS DAY.

1. Chemistry of the Non-Metals.
2. A continuation of Course 1, beginning with the study of the metals.
3. Qualitative analysis.

Courses 1, 2, 3 consist of lectures and laboratory work, continuous throughout the college year, three laboratory periods of two hours each and one lecture period weekly.

Required of Sophomores who elect Chemistry.

4. Organic Chemistry.

Five hours a week for twelve weeks.

5. Chemistry of foods and cooking.

To be preceded by Chemistry, 4.

Six hours credit for twenty-four weeks.

## BIOLOGY AND BOTANY.

MISS DAY.

1. General Biology.

Cell structure carefully studied and observations recorded by drawings; blood corpuscles and spirogyra; chemical nature of cell contents with tests for proteid and starchy matter. Study of Pteris and Lumbricus. Lectures on the principal orders of plants and animals. Each student is required to write two papers on her own work in the laboratory.

Five hours a week for twelve weeks.

2. Continuation of Course 1.

Investigation of the cell and cell division. The student will make permanent preparations for the microscope. Study of invertebrate and vertebrate structures with special study of the development of the frog. Lectures on Theoretical Biology.

Five hours a week for twelve weeks.

3. Botany.

Lectures upon the morphology, physiology and classification of plants. Laboratory study of typical forms through rusts, moulds, liverworts and mosses to flowering plants.

Five hours a week for twelve weeks.

The laboratories in the new Science building give enlarged opportunity

ties in the study of Botany. Valuable aid is afforded by the reference library, the Auzoux dissectible models of the most difficult types, the collection of slides, the herbarium rich in local species and the fresh material for study easily available in adjacent woods.

## **PHYSIOLOGY AND HYGIENE.**

MISS BENTLEY.

### **1. Hygiene.**

Lectures upon the principal bodily functions and the care of health. Required for entering students in regular and special courses.

### **2. General Physiology.**

Recitations and lectures with dissections of the manikin and other models. Examination upon note books and the preparation of papers. Required in the Sophomore or in the Junior year.

Four hours a week for twelve weeks.

### **3. Advanced Physiology.**

Lectures, required readings, study of special functions in relation to health and disease. Microscopic study of tissues.

Four hours a week for twelve weeks.

### **4. Lectures; Embryology; a collection of special models.**

Open to Juniors and Seniors.

The general equipment of the department consists of valuable charts and engravings, skeletons and anatomical preparations, histological specimens, an Auzoux dissectible manikin and models of the eye, ear, heart, larynx, vertical section of the head and a fine model of the brain.

## **HOME ECONOMICS.**

MISS DAY, MISS HUNTLEY.

### **1. Household Sanitation. The house, its location and construction. Care of the house.**

This course is to be preceded or accompanied by courses in Physics, Chemistry, Physiology, Bacteriology and Art.

Four hours a week for twelve weeks.

### **2. Chemistry of foods and cooking.**

To be preceded by Chemistry 4.

Six hours credit for twenty-four weeks.

### **3. Dietaries. Theoretical and practical. Planning of meals for the college family with careful estimate of cost.**

Open to Seniors. To be preceded by Course 2.

4. Supervision of Domestic Work.

Open to Seniors. To be preceded by Course 1.

5. Home Economics. A review and unifying of all previous work relating to the home. Expenditure. Values. The relation of the home to society.

To be preceded by Courses 1, 2, 3 and Economics 1.

6. Methods of teaching Home Economics.

To be preceded by Courses 1, 2, 3, 4, 5 and by Pedagogy 5.

7. Elementary Home Economics. An elementary study of sanitation, food, principles of cooking and dietaries.

This course is arranged for preparatory and special students. No preparation in the Sciences is required and only so much of the scientific basis of the subject is given as is necessary for the understanding of practical methods. This course is not included in college work.

## **PHILOSOPHY AND PEDAGOGY.**

DR. HITCHCOCK.

1. Logic. Studies upon the Implications of the judgment and the nature of inference.

Two hours a week for twelve weeks.

2. Psychology.

a. The facts and principles of general psychology introduced by a brief study of the brain and sense organs, illustrated by special models. Text-book, James' Briefer Course; collateral readings in other psychological works; recitations; reports; lectures.

b. Lectures and readings on the methods and principles of experimental psychology. Simple experiments performed to illustrate the principles.

Five hours a week for twelve weeks.

3. Ethics.

Introductory study based on Thilly's Introduction to Ethics, with special topics from Mill, Sidgwick, Green and others. One original paper is required on the ethical thought of some well-known writer.

Four hours a week for twelve weeks.

Courses 1, 2, 3 required in the Junior or in the Senior year.

4. Philosophy.

a. Outlines of general philosophy, with selected readings.

The systems of Locke, Hume and Kant are especially emphasized; lectures; reports on collateral readings.

b. Introduction to philosophy. This course is designed to give an intelligent idea of the various branches embraced under the term philosophy, their relation to each other and the problems involved. Kulpe's Introduction to Philosophy and Roger's Modern Philosophy used as the basis of the course.

c. A study of Aesthetic theories. This course is based on Bosanquet's History of Aesthetics; readings from other authors; constant reference to classic examples of the beautiful in literature and the fine arts.

a, b, c Each four hours a week for twelve weeks.

5. History and Theory of Education.

Outline study of educational systems and problems with reference to their development and psychological foundation.

Four hours a week for twelve weeks.

## **ECONOMICS AND SOCIOLOGY.**

DR. HITCHCOCK.

1. Introductory study of the principles of economics.

Three hours a week for twelve weeks.

2. Industrial History of England and the United States.

Two hours a week for twelve weeks.

3. a. Brief study of principles underlying the development of the community; the nature and significance of social facts.

b. A study of various social problems, based on Carroll D. Wright's Elements of Practical Sociology.

Four hours a week for twelve weeks.

Open to Juniors and Seniors.

## **HISTORY.**

MISS LAWRENCE, MISS REED.

1. Mediæval History and the origin, progress and results of the Reformation in England, France and Germany.

Three hours a week for twelve weeks.

2. History of England and France from 1603 to 1815.

Three hours a week for twelve weeks.



3. a. European History from 1815 to the present time.  
b. Development of present Political Institutions in the United States.

Each course three hours a week for twelve weeks.

1, 2 and a or b of 3 are required in the arts course. a or b of 3 in the science course.

4. Growth and development of the Christian Church, from the accession of Constantine to the Reformation.

Three hours a week for twelve weeks.

5. History of England from the German Migrations to 1603. The development of English institutions, and the rise of England to the position of a great state.

Three hours a week for twelve weeks.

6. History of France from the fall of the Carolingians to the middle of the eighteenth century, with special reference to the growth of French institutions.

Three hours a week for twelve weeks.

## BIBLE HISTORY AND LITERATURE.

MISS LAWRENCE.

1. Hebrew History.  
History of Israel from Abraham through the exile, with growth of the idea of the Messiah. By recitations and lectures.
2. History of the post-exilic times through the Struggle of the Maccabees to the birth of Christ. Growth of the legal and wisdom books by lectures.
3. The teachings of Christ, the Founding of the Christian Church, the Epistles of Paul.

1, 2, 3 required in all courses.

Three hours a week throughout the year.

4. The Hexateuch. Formations of the documents used. Influence of the Babylonian and Egyptian literatures upon the book of Genesis.

Three hours a week throughout the year.

5. Lyric and Epic Poetry of the Bible.

Three hours a week for twelve weeks.

6. Historical study of the Life of Christ.

Stevens and Burton's Harmony of the Gospels is used as a basis.

Three hours a week for twelve weeks.

7. Testimony of records of contemporaneous nations to the history of the Jewish nations from the revolt of the Ten Tribes to 70 A. D.

Three hours a week for twelve weeks.

8. a. History of Christian Missions.

An outline from the Third Century to the present time.

b. Sociological value of Christian Missions. Reference, Dennis' Christian Missions and Social Progress.

## HISTORY OF ART.

MISS KEFFER.

1. a. Egyptian and Babylonian-Assyrian Architecture. Sculpture and Decoration. Tombs. Temples and palaces. Portrait Statues. Relief Sculpture. Decorative Motives.

b. Classic Art. Greek Temples. Sculpture as the characteristic art of Greece. Roman Architecture. Temples and Secular Buildings.

c. Renaissance Architecture and Sculpture. Classic influence upon development of Renaissance.

a, b, c, Four hours a week for twelve weeks.

Open to Seniors and Juniors, 1904, 1906.

2. Early Christian, Byzantine and Mediæval Architecture. Basilican, Byzantine, Romanesque and Gothic periods in Italy, the East, and Northern Europe.

Continuation of Course I. Two hours a week for twelve weeks.

Open to Seniors and Juniors.

3. History of Painting. Italian, Spanish, Dutch, Flemish, German, English, 19th Century French and Modern Schools.

General view aiming to distinguish the various schools by their difference of motive, subject and technique, and to characterize the personal style of each great master.

Four hours a week for twelve weeks.

Open to Seniors and Juniors, 1903, 1905.

Instruction in 1, 2 and 3 given by means of lectures illustrated by photographs and lantern slides, and by laboratory study of photographs.

4. Elementary Art Course.



Study of elements of beauty in individual pictures, statues, buildings, decorative compositions and pieces of pottery, with a view to increasing understanding and appreciation of art.

Four hours a week for twelve weeks.

Open to all students. Not credited for degree.

5. Outline History of Art.

Two hours a week for twenty-four weeks.

Open to those who have had 4 and to those in regular college classes. General lectures upon art illustrated by lantern slides during the year. Lectures in Roman and Greek archæology will be given by Miss McKinstry and Miss Seymour.

DRAWING AND PAINTING.

1. Freehand Drawing and Practice in Elementary Composition.

One (3) hour a week throughout the year.

2. Freehand Drawing.

Two (6) hours a week throughout the year.

Aims to enable the student to describe an object or illustrate a subject easily and effectively by means of rapid descriptive drawing.

3. Composition and Design, with lectures upon the Principles of Household Art.

Two (6) hours a week for twenty-four weeks.

Aims to cultivate feeling for true beauty, and by applications of the principles of art to develop the sense of what is appropriate and beautiful in dress furnishing, decoration and whatever pertains to the everyday art of the home.

4. Geometrical Drawing, with Applications to Planning and Designing. Drawing to a scale.

Two (6) hours a week for twelve weeks.

Courses 2, 3 and 4, required for course in Home Economics. No extra charge for 1, 2, 3 and 4.

5. Individual Studio Work. Drawing from casts, groups of still life and plants. Sketching.

6. Painting from still life in water color and oil.

Private studio work of courses 5 or 6 can be counted as elective only on the basis of not less than two (6) hours a week, including lectures on the practice of art and reference study in Art Library. For charges see page 34.

## PHYSICAL TRAINING.

MISS WELTON.

Systematic and progressive work in a four years' course is required of all students unless excused upon examination. All the exercises are carefully graded and adapted to the special needs of young women, and all work in the gymnasium is under the direct supervision of the instructor. Special or private work is given where there is need of individual care or muscular development.

The instructor is a graduate of the Allen gymnasium, Boston, in the full normal course which includes instruction in Anatomy, Physiology and Hygiene, the study of the science of movements and experience in class leading and in private work.

In the daily drill use is made of Swedish movements based on the philosophical system of Ling, first used in Sweden in 1813, and the first system devised for harmonious development of the body. Combined with these exercises are the deep breathing movements and other exercises arranged by Miss Allen. Movements growing out of the Delsarte theory are used to give poise, elasticity and nerve relaxation. Wherever it is possible, the exercises are adapted to music. The apparatus consists of wooden and iron dumb-bells, clubs and hoops, adjustable chest weights, horizontal bar and breast bars. .

The grounds, comprising twenty acres, afford pleasant opportunities for out of door exercise in the paths laid out for bicycling and walking, in the large grove and in the field prepared for basketball and other games. A daily register is made of the time spent out of doors, in walking and in games.

The health of the students is cared for by Miss Bentley, the Dean, who gives lectures upon Hygiene and instruction in Physiology. She may be consulted without charge, and communications from parents in regard to the health of students may be addressed to her.

## RELIGIOUS LIFE.

The college is unsectarian in its management, but distinctly Christian in its spirit. A thorough course of Bible study is included in the Courses of Instruction. Attendance is required at the Sunday morning service in the churches of Painesville and

at daily morning worship. The monthly meetings of the missionary societies and weekly meetings of the Young Women's Christian Association give opportunity for participation in organized religious work. Among many addresses given at the college in 1901 and 1902 the following speakers are named:

Rev. Judson Smith, D. D.,  
The Outlook for China.

Dr. Pauline Root, Miss Milham and Miss De Forest, Student Volunteer Movement.

Rev. John Forman,  
Missionary Work in India.

Rev. Willis G. Hotchkiss,  
The Africa Inland Mission.

Rev. William H. Warren,  
The Lumber Camps and Copper Mines of Michigan.

Mrs. Florence Kelley,  
The National Consumers' League.

Miss Holmes, Head Worker, Westminster House, Buffalo,  
Social Settlements.

Rev. Charles D. Williams, Dean of Trinity Cathedral.

Rev. Charles T. Mills, Pilgrim Congregational Church,  
Cleveland.

Rev. George K. Morris, Euclid Avenue Methodist Episcopal  
Church, Cleveland.

## MUSIC.

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The department of Music during the college year 1898-99 was reorganized upon the basis of a Conservatory of Music, open to resident and non-resident students of either sex and offering to candidates for graduation one of the following courses:

1. Pianoforte, Voice Culture, Theory, History of Music, French, German and Italian.
2. Pianoforte, Organ, Theory, History of Music.
3. Pianoforte, Violin, Theory, History of Music.

Music may be made an elective in the college course in the case of students who are recommended by the Conservatory Faculty. A year's work in Harmony and for advanced students, vocal and instrumental music may be counted towards the college degree.

The Conservatory is well equipped with grand and upright pianos, Virgil practice claviers, and two large pipe organs, one a Felgemaker organ of three manuals, and every modern convenience for advanced organ study, also a large Johnson and Son's two-manual organ.

Steinway and Sons' Grand Pianos are used by instructors.

Students have the use of a large circulating library of music.

### THE COLLEGE CHORUS AND GLEE CLUB.

Chorus work is required of all students who are sufficiently qualified to study this form of music. Allowance is made for the time spent in chorus if the student desires to obtain a college degree. The fee is one dollar per year for each student.

For the study of sacred music the finest English anthems for mixed voices are used, being arranged for ladies' voices. Anthems for the different sacred festivals of the year are sung.

It is believed that few American colleges for women are able to surpass the chorus work produced at Lake Erie College. Superior voices have been selected by examination, and the quality



of work is in every way of a high standard. The finest voices of the chorus are admitted to more advanced work in the Glee Club.

Mention is here made of a few selections studied by the chorus and Glee Club:

The Song of the Norns	}	Heinrich Hoffman.
Summer Nights		
Spinning Chorus from "The Flying Dutchman"		Wagner.
The Water Nymph		Rubinstein.
Summer Night		Gade.
The Flight Into Egypt.		Bruch.
St. John's Eve	}	Chaminade.
The Sailor's Christmas		
Nymphs' Chorus from "Psyche"		Ambroise Thomas.
Song of the Winds		Becker.
The Water Sprite		Schumann.
Glide On, Glide On.		Delibes.
In May	}	Horatio Parker.
The Water Fay		
The Fisher		

Many others also have been presented in concert.

### STUDENTS' WEEKLY RECITALS.

A very important part of the work will be the appearance in weekly musicales of students who are sufficiently qualified, the object being to insure confidence and perfect ease of manner.

### ARTISTS' RECITALS.

Recitals have been given by such artists and critics as Mme. Fannie Bloomfield-Zeisler, Miss Leonora Jackson, Mrs. Genevra Johnston-Bishop, Miss Mary Louise Clary, Miss Villa Whitney White, Mrs. S. C. Ford, Miss Kathrin Hilke, Mrs. Hattie Pettee Foster, Mr. Max Heinrich and Miss Julia Heinrich, Mr. Josef Slivinski, Mr. William H. Sherwood, Mr. Otto Bendix, Mrs. Stella Hadden-Alexander, Mr. William Rieger, Mr. Leopold Godowsky, Mr. E. A. MacDowell, Mr. Carl Faelten, Mr. Constantine Sternberg, Mr. Edward B. Perry, Mr. Frederic Archer, Mr. S. P. Warren, Mr. Charles W. Russell, Dr. Carl Dufft, Mr. Whitney Mockridge, Mr. George Andrews, Mr. William C. Carl, Mr. Charles E. Clemens, Mr. Henry E. Krehbiel, Mr. Louis

Elson, Mrs. Charles W. Rhodes, and such organizations as The Singers' Club (male) of Cleveland, the Bernard Listemann Club, the Detroit Philharmonic String Quartet, and the Cleveland Philharmonic String Quartet. An opportunity to hear such artists will still be afforded, and also to attend Recitals, Symphony Concerts and Grand Opera in the neighboring city of Cleveland.





## **EXPENSES.**

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The charge for board, room and tuition for the college year is \$250. Each student will pay at the opening of the college year in September \$150, of which \$75 is tuition. The remainder, \$100, is due January 3, 1901.

The tuition, \$75, must always be paid in advance and is not subject to return or deduction.

No deduction will be made for board except in case of serious illness or other necessity. In such case the charge will be \$6 a week.

For use of laboratories in Chemistry, Biology, Botany,

Home Economics, each per term.....\$ 2 00

Physics per term ..... 1 00

For use of Library, in History and Literature when no

text-book is required, each per term..... 1 00

For private instruction in drawing, per year..... 45 00

For private instruction in painting, per year..... 50 00

Students who need instruction in preparatory work below the classes named on page 9, "Fourth, a." will prepay for each study an extra charge of \$10 a term or \$25 a year.

Laundry work and extra cleaning of students' rooms at reasonable rates.

A charge of 15 cents is made for meals served in a student's room.

Applicants for single rooms will pay \$10 a term, or \$25 a year.

## **EXPENSES FOR MUSIC.**

### **TUITION.**

Per term of twelve weeks, payable strictly in advance, two half-hour lessons per week, of a leading instructor:

Pianoforte, Voice, Organ, each.....\$24 00

The same of an assistant instructor..... 18 00

One lesson per week of a leading instructor :

Piano, Voice, Organ, each.....	12 00
The same of an assistant instructor.....	9 00
Harmony, History of Music, French, German, Italian, each	6 00

The tuition for Violin or other instruments will be according to the fees charged by the instructors.

#### OTHER EXPENSES.

Rent of Piano, per term, one hour each day.....	\$ 3 00
Rent of Pipe Organ, per term, one hour each day.....	12 00
Rent of Practice Clavier, per term, one hour each day, .....	1 50
Rent of Piano, Private use, per term, according to quality .....	\$16 00 to 20 00
Rent of Pipe Organ, per term, two hours each week.....	4 50

#### RENT OF MUSIC LIBRARY.

4 selections out at one drawing, per term.....	\$ 1 00
5-8 selections out at one drawing, per term.....	2 00
Use of Chorus Music, per year.....	1 00
<i>Artists' Recitals, per term.....</i>	<i>1 00</i>

**N. B.**—No allowance made for lessons omitted by pupils, except in case of protracted illness, when the loss will be shared equally.

Application for admission to the Conservatory of Music may be made at the office in Memorial Hall, room 9, ground floor.

For courses of study, and other information in detail, see the Conservatory Catalogue, for which apply to Miss Luette P. Bentley, Dean of the Faculty, or Mr. Harry Clyde Brooks, Painesville, Ohio.

## LOCATION AND BUILDINGS.

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Painesville, thirty miles east of Cleveland and three miles south of Lake Erie, is famed for its shaded streets and beautiful homes. It is closely connected with Cleveland by railways and electric cars. The college grounds in the western part of the town on Mentor Avenue comprise twenty acres, including a grove, bicycle paths, a field for exercise, and, in front, an attractive entrance through an avenue of fine trees.

The main building contains the social hall, dining hall, gymnasium, library, class rooms for Languages, Literature and History, and the living rooms for instructors and students. The rooms for Latin, History and Bible study are furnished with maps, casts and photographs. Each department has its own reference books and there is a general reference library.

Memorial Hall for Music and Art, dedicated in 1891 to the memory of founders and friends, contains, besides the rooms for practice in Music and for instruction in Drawing and Painting, a hall of perfect proportions for musical purposes with a seating capacity of six hundred, including seats for a chorus of one hundred. The hall has been recently decorated in an artistic scheme of color harmonizing with the stained glass memorial window, the new organ and the corridors where casts and reliefs illustrate the best periods of art. The large three manual organ built for the Conservatory of Music by A. B. Felgemaker combines the latest results in mechanical invention with artistic effect and a high degree of perfection in tone. A new organ room has been constructed for the two manual organ presented in 1891 as a memorial of Anna Steese Harvey.

Through the efforts of the faculty and students, Social Hall has been renovated with new ceiling and woodwork, and with a mantel and fireplace, the gift of the class of 1880. The Hall is the centre for the daily life of the college and for social gatherings, and it is also kept in close association with the past by an

increasing number of fine portraits and other oil paintings, the gifts of successive classes and old friends of the college.

The gift of \$10,900, from Mr. Jared Murray, of Concord, insures to the college the long desired building for a reading room and library. A recent gift of \$1,000 has added a valuable collection of works in art history, editions of French and German classics and other works for the departments of History and Literature.

Science Hall, dedicated in June, 1897, contains in the west wing the laboratories and lecture rooms for Physics and Chemistry, and in the east end those for Biology, Botany and Physiology. There are also class rooms for Mathematics and a general lecture hall with seats for two hundred. New tablet chairs for taking notes have been recently presented. The third story is devoted to the museum and to class work in Geology. Each department has a laboratory and a lecture room with apparatus room and private study for the instructor. The laboratories are well furnished for scientific work. The department of Physiology, with its exceptional outfit of models, charts and other illustrations, now has room for the development of courses additional to the required work. Each department in Science has its own reference books. There is also a general reading room, with scientific periodicals and other publications of value to all the departments, including the Smithsonian publications.

Additional facilities have been introduced in the departments of Chemistry and Domestic Science, including for the latter the reconstruction of the Domestic Hall and Dining Hall in the main college building.

### **HITCHCOCK FUND FOR THE AID OF STUDENTS.**

Through the liberality of the Hon. Reuben Hitchcock, of Painesville, president of the Board of Trustees from the founding of the Seminary in 1856 till his death in 1883, the Hitchcock Fund was established for the aid of faithful students of limited means who are prepared to enter the regular course of study.

It was the earnest desire of the founder of this fund that the price of board and tuition should be kept at the lowest possible rate and, in case of necessary advance in the charges, that the



income of this fund should be so applied as to assist as many as possible who would otherwise be prevented from pursuing a course of study. Assistance will be given in sums varying according to the needs of students. Applications must be made early, accompanied with certificates of scholarship and character. Preference will be given to those who are prepared for the regular courses of study.

During forty years Lake Erie College and Seminary has given instruction to nearly four thousand students coming from many states of the Union and now scattered through all parts of this land, while some are in foreign lands. Although not local in character or design, most of the contributions to its funds have come from citizens of Painesville and Northern Ohio. The gifts of the first president of the trustees, including the Hitchcock Fund, amounted to sixty thousand dollars, and others have given according to their means. Whatever may be said of the policy by which an education is given at cost for the benefit of students of limited means, when others might well pay double the amount, the fact remains that the public has reaped the advantage.

At the present time of broader opportunity it is fitting to call attention to the needs of a living and growing college. First among these is:

### **AN ENDOWMENT.**

a. To provide such salaries as will be a just compensation for teachers who must meet the demand for study, travel, books, periodicals and all the means of growth and culture made necessary by the rapid progress of the times in education.

b. To furnish laboratories, apparatus and libraries for each department of instruction.

c. To furnish means of heating, lighting and caring for additional buildings, without which each addition to the College becomes an added burden of expense.

No limit is placed to such an endowment fund, the need for which is as progressive as the progress of education, but the present pressing need is for an endowment of \$100,000.

## FORM OF BEQUEST.

I bequeath to my executors the sum of ..... dollars, in trust, to pay over the same.....days after my decease, to the person who, when the sum is payable, shall act as treasurer of the Lake Erie College and Seminary, located in Painesville, Lake County, Ohio, incorporated June, 1856, to be applied to the uses and purposes of said Institution as directed by its Trustees.





## STUDENTS.

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### RESIDENT GRADUATES.

Elizabeth Taylor Clark—Music, '01.....	Claridon.
Catharine Louise Gates, '95.....	Bay City, Mich.
Margaret S. Hastings, A. B., '01.....	Willoughby.
Louise Ellen Hoffman, A. B., '01.....	Painesville.
Helen G. Ingersoll, '96.....	Mentor.

### SENIOR CLASS.

Florence Sumner Crocker.....	North Madison.
Anna Rachel Davis.....	Kane, Pa.
Mary Davis.....	Pittsburg, Pa.
Nellie W. Parks.....	Lakeside.
Florence E. Wheelock.....	Wheaton, Ill.

### JUNIOR CLASS.

Fanny V. Brewster.....	Cuyahoga Falls.
Myra G. Cowles.....	Austinburg.
May Helen Graves.....	Cleveland.
Ethelwyn Haynes .....	Bellevue.
Anna W. Hulbert .....	Rome.
Alice Edith Stillman.....	Minneapolis, Minn.
Castella O. Benton .....	Cleveland.
Katharine Louise Bleile .....	Columbus.
Inez Aletha Hill .....	Berlin Heights.

### SOPHOMORE CLASS.

Mabel Edith Curtiss .....	Painesville.
Anabel Culbertson .....	Girard, Pa.

Esther Preston Gibbs .....	Norwalk.
Nelle W. Reese.....	Ravenna.
Mabelle Chapelle Anderson .....	Painesville.
Marcia B. Clay .....	North Bristol.
Bessie Maude Douglass .....	Claridon.
Elsie Ellett .....	Cuyahoga Falls.
Alice Christine Gump .....	Dayton.
Gertrude E. Krause .....	Cleveland.
Evelyn Daisy Lodge .....	Cuyahoga Falls.
Grace Lincoln .....	Painesville.
Clara Bell McNab .....	Youngstown.
Frances Eliza Smith .....	St. Clairsville.
Jane Stoddard .....	Bay City, Mich.
Anna T. Viall.....	Tallmadge.

#### **FRESHMAN CLASS.**

Alice Edwards Barnes .....	Painesville.
Belle Dean .....	Indianapolis, Ind.
Belle Frances Dixon .....	Orwell.
Edith M. Dorr.....	Centre Sandwich, N. H.
Bess Emery Gladwish .....	Painesville.
Harrietta Hardy .....	Painesville.
Myra Hatch .....	Ashtabula.
Lilla McDonald Ketcham.....	Indianapolis, Ind.
Mary Laura McNab.....	Youngstown.
Jessie Adelaide Morse .....	Colorado Springs, Col.
Luella Whitney Reynolds .....	Painesville.
Alice Riddle .....	Chardon.
Edith M. Straight .....	Aurora.
Mabel M. Talcott .....	Ravenna.
Katharine Tracy Warren .....	Painesville.
Bessie Walker .....	Jamestown.
Grace McDonald Welch .....	Ashland.

Laura Williams .....	Indianapolis, Ind.
Louise Pomeroy Yale .....	St. Joseph, Mo.
Florence Pennington Brinton .....	Ashland.
Retta Brucker .....	Shelby.
Lilian E. Brewster .....	Cuyahoga Falls.
Belle Cless Denton .....	Lancaster.
Le-Mira J. Gillis .....	Kinsman.
Henrietta Pearl Kirby .....	Marietta.
Helen Mackenzie King .....	Cincinnati.
Harriet Norton Lee .....	Howell, Mich.
Ella Ida Merydith .....	Marietta.
Bessie Louise Price .....	Norwalk.
Emma D. Robinson .....	Franklin.

### SPECIAL STUDENTS.

Annabel Adair .....	Columbus.
Blanche Carl .....	Shreve.
Jessie Collier .....	Cleveland.
Flora Cordelia Cook .....	Mentor.
Helen Lucretia Frost .....	Mentor.
Sadie Grace .....	Logansport, Ind.
Mabel Louise Hamilton .....	London.
Gussie K. Hamilton .....	Kelley's Island.
Martha Higgins .....	Painesville.
Mary Hosier .....	Jamestown.
Mabel Hubbard .....	Fargo, N. D.
Hilda Inman .....	Akron.
Adeline Cassandra Jones .....	Cleveland.
Maude Calla Kilbury .....	Plain City.
Ina Margaret Laird .....	Oberlin.
Edna Cora Loeb .....	Akron.
Erma Moore .....	Vanlue.
Maude Olive McConnell .....	Seattle, Wash.

Karolyn Margaret Norton .....	Edinburg, Ind.
Alice Josephine Patterson .....	East Cleveland.
Bertha Lucretia Rockwell.....	New York, N. Y.
Emma Row.....	Pleasant Valley, W. Va.
Mabel A. Vogleson .....	Columbiana.

### **PREPARATORY STUDENTS IN MUSIC AND OTHER COURSES.**

Loula Andrews .....	Danbury.
Florence Anderson .....	Bowling Green.
Alma M. Arnstein .....	Cleveland.
Edna Lois Backus .....	Cleveland.
Beatrice Balkwell .....	Cleveland.
Helen R. Baxter .....	Mansfield.
Eudora W. Billingsley .....	Chardon.
Florence Birrell .....	Kinsman.
Irene Mae Canary .....	Bowling Green.
Katharine Danforth .....	East Cleveland.
Florence Irene Fillius .....	Hudson.
Harriett Hopkins Follett.....	Marietta.
Edna Genevieve Grant .....	Omaha, Neb.
Ruth Eleanor House.....	Salonica, Turkey.
Ruth Ingersoll .....	Mentor.
Clara Emily Jones .....	Cleveland.
Granville Helene Jones .....	Cleveland.
Sarah Kennedy .....	Marietta.
Mabel Lodge .....	Cuyahoga Falls.
Margaret May .....	Girard, Pa.
Vernia Martin .....	New Castle, Pa.
Irma McDonald .....	Youngstown.
Adeline Monier .....	Charleroi, Pa.
Lillian Newman .....	Norwalk.
Laura Louise Pierce .....	Hudson, Mich.
Hazel Belle Rabe .....	Oakland, <u>Cal.</u>

Ruth Maus Raser .....	Ashtabula.
Lillian B. Rose .....	Montrose, Col.
Grace Alma Sanborn.....	East Cleveland.
Laura Briscoe Selden .....	Niles, Mich.
Geraldine Stark .....	Mansfield.
Leila Stone .....	Orwell.
Lola A. Ullery .....	Conneaut.

### CONSERVATORY OF MUSIC.

CANDIDATE FOR GRADUATION IN 1902.

Maude Olive McConnell .....	Seattle, Wash.
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Annabel Adair .....	Columbus.
Alma Arnstein .....	Cleveland.
Hattie Avery .....	Painesville.
Lola Ayer .....	Painesville.
Edna Lois Backus.....	Cleveland.
Beatrice Balkwill .....	Cleveland.
Helen R. Baxter.....	Mansfield.
Eudora W. Billingsley.....	Chardon.
Florence Birrell .....	Kinsman.
Irene Mae Canary .....	Bowling Green.
Blanche Carl .....	Shreve.
Elizabeth Clark .....	Claridon.
Jessie Collier .....	Cleveland.
Arvilla Cook .....	Madison.
Flora Cook .....	Mentor.
Anabel Culbertson .....	Girard, Pa.
Belle Dean .....	Indianapolis, Ind.
Harriet Hopkins Follett.....	Marietta.
Ada George .....	Painesville.
Sadie Grace .....	Logansport, Ind.
Edna Genevieve Grant .....	Omaha, Neb.
Esther Preston Gibbs.....	Norwalk.

Lillian Hailstone .....	Painesville.
Gussie K. Hamilton .....	Kelly's Island.
Mabel Louise Hamilton.....	London.
Martha Higgins .....	Painesville.
Mary Hosier .....	Jamestown.
Anna W. Hulbert.....	Rome.
Hilda Inman .....	Akron.
Adeline Cassandra Jones.....	Cleveland.
Clara Jones .....	Cleveland.
Sarah Kennedy .....	Marietta.
Katheryn King .....	Painesville.
Maude Calla Kilbury.....	Plain City.
Alice Kilcawley.....	Painesville.
Henrietta Pearl Kirby.....	Marietta.
Harriet Norton Lee.....	Howell, Mich.
Lucy Linton .....	Painesville.
Mabel Lodge .....	Cuyahoga Falls.
Edna Cora Loeb.....	Akron.
Nina C. Ludick.....	Madison.
Margaret May .....	Girard, Pa.
Irma McDonald .....	Youngstown.
Clara Bell McNab.....	Youngstown.
Mary Laura McNab .....	Youngstown.
Ella Ida Merydith.....	Marietta.
Jessie Adelaide Morse.....	Colorado Springs, Col.
Helena Miller .....	Painesville.
Mrs. Frank Parkhurst.....	Mentor.
Mamie Paine .....	Painesville.
Almena Parks .....	Painesville.
Ethel Rand .....	Madison.
Pearl Rand .....	Madison.
Emma D. Robison .....	Franklin.
Emma Row .....	Pleasant Valley, W. Va.



Grace Alma Sanborn.....	East Cleveland.
Laura Briscoe Seldon.....	Niles, Mich.
Mildred Sherman .....	Painesville.
Marian Skeeel .....	Painesville.
Frances Eliza Smith.....	St. Clairsville.
Geraldine Stark .....	Mansfield.
Alice Edith Stillman .....	Minneapolis, Minn.
Leila Stone .....	Orwell.
Lavinia Taylor .....	Painesville.
Bessie Walker .....	Jamestown.
Mrs. J. C. Ward.....	Painesville.
Mary Warn .....	Painesville.
Katherine Tracy Warren.....	Painesville.
Alice Woodford .....	Mentor.
Bessie Wright .....	Painesville.
Anna T. Viall.....	Tallmadge.
Harry Allen .....	Painesville.
James Anderson .....	Painesville.
Thomas P. Cadle.....	Mentor.
James Hurley .....	Painesville.
James Kilcawley .....	Painesville.
Wallace Taylor .....	Painesville.
John West .....	Concord.

#### STUDENTS IN ALL DEPARTMENTS OF MUSIC.

Piano .....	65
Organ .....	14
Voice .....	24
History of Music .....	10
Harmony .....	17
Total .....	130

## SUMMARY OF STUDENTS.

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Resident graduates .....	5
Senior Class .....	5
Junior Class .....	9
Sophomore Class .....	16
Freshman Class .....	30
Special Students .....	23
Preparatory Students in Music and other Courses.....	33
<hr/>	
Resident Students .....	121
Non-resident Students in Music.....	30
<hr/>	
Total in all departments.....	151

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### RESIDENCE.

Ohio .....	92	Missouri. ....	1
Pennsylvania .....	6	Nebraska .....	1
Michigan .....	5	North Dakota .....	1
Indiana .....	5	New York .....	1
Colorado .....	2	New Hampshire .....	1
California .....	1	Turkey .....	1
Illinois .....	1	Washington. ....	1
Minnesota. ....	1	West Virginia .....	1

## LAKE ERIE ALUMNAE ASSOCIATION.

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### PRESIDENT.

Mrs. Ellen Fisher Vincent.....Oberlin, O.

### SECRETARY AND TREASURER.

Mrs. Elizabeth Aldrich Lyman.....Lake Erie College.

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### LOCAL ASSOCIATIONS.

#### PITTSBURG.

Mrs. Rebecca Kinsman Christy, 6102 Walnut St.,                      President

#### CLEVELAND.

Mrs. Louise Sargent Dake, Ingleside Ave.,                      President

#### PAINESVILLE.

Mrs. Augusta Avery Stockwell, State St                      President

#### COLUMBUS.

Mrs. Sarah Wilson Draais, Washington Court House,                      President

#### TOLEDO.

Mrs. Clara Rodgers Bitter, Broadway,                      President

#### LAKE SHORE.

Mrs. Gertrude Reynolds Hill, Berlin Heights, O.,                      President

#### WASHINGTON, D. C.

Mrs. Ella Wise Chance, 2230 Q St., Northwest,                      President

#### AKRON.

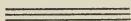
Mrs. Fannie Pierce Cutler, Tallmadge,                      President

Forty-Fourth

Annual Catalogue

LAKE ERIE COLLEGE,

PAINESVILLE, OHIO



1902-1903

Press of  
The F. W. Roberts Co.,  
Cleveland, O.

WILLOUGHBY FEMALE SEMINARY,

WILLOUGHBY, OHIO.

1847—1856.

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LAKE ERIE FEMALE SEMINARY,

PAINESVILLE, OHIO.

Incorporated 1856.

Opened 1859.

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LAKE ERIE COLLEGE AND SEMINARY,

1898.



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# THE COLLEGE CALENDAR.

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1903.

## SPRING RECESS.

From 11:30 A.M. Friday, April 3, to 8:30 A.M. Tuesday, April 14.  
Holiday (Memorial Day) .....Saturday, May 30  
Baccalaureate Sermon .....Sunday, June 14  
Alumnæ Day .....Wednesday, June 17  
Commencement.....Thursday, June 18

## SUMMER VACATION.

College Year Begins.....8:30 A. M., September 17  
Founder's Day.....Wednesday, October 28  
Thanksgiving Recess, 11:30 A. M. Wednesday, to 11:30 A. M.  
Friday, November 25 to November 27  
Second Period of Study.....Monday, December 7

## WINTER RECESS.

1904.

From 3:30 P. M. Tuesday, December 22, to 8:30 A. M. Wednesday, January 6  
Day of Prayer for Colleges.....Thursday, January 28  
Holiday (Washington's Birthday).....Monday, February 22  
Third Period of Study.....Thursday, March 10

## SPRING RECESS.

From 11:30 A. M. Wednesday, March 23, to 8:30 A. M. Thursday, April 7  
Holiday (Memorial Day) .....Monday, May 30  
Baccalaureate Sermon .....Sunday, June 12  
Alumnæ Day .....Wednesday, June 15  
Commencement .....Thursday, June 16

## TRUSTEES.

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Hon. JAMES R. GARFIELD, Washington, D. C.  
*President.*

CARLOS O. CHILD, Painesville,  
*Treasurer.*

FRANK J. JEROME,  
*Secretary.*

Hon. CHARLES A. AVERY, Painesville.

Gen. J. S. CASEMENT, Painesville.

Rev. HIRAM C. HAYDN, D. D., Cleveland.

DAN P. EELLS, Esq., Cleveland.

PETER M. HITCHCOCK, Cleveland.

Hon. ARLINGTON G. REYNOLDS, Painesville.

WILM KNOX, Cleveland.

The Rt. Rev. WM. A. LEONARD, D. D., Bishop of Ohio.

NEWTON K. HUBBARD, Painesville.

Mrs. CHARLOTTE WOOSTER BOALT, Class of '62, Norwalk.

Mrs. LOUISE PORTER SMITH, Class of '69, Elyria.

Representing the Alumnæ.

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## EXECUTIVE COMMITTEE.

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CHARLES A. AVERY,	CARLOS O. CHILD.
JAMES R. GARFIELD,	ARLINGTON G. REYNOLDS,
FRANK J. JEROME.	

## THE FACULTY.

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(In order of appointment.)

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MARY EVANS, A. M., LITT. D., PRESIDENT,

LUETTE P. BENTLEY, DEAN,  
PHYSIOLOGY AND HYGIENE.

MARTHA E. LAWRENCE,  
HISTORY, BIBLE.

SARAH M. KENDRICK,  
ENGLISH LANGUAGE AND LITERATURE.

CLARA M. HITCHCOCK, PH. D.,  
PHILOSOPHY.

HARRIETT E. MCKINSTRY, PH. M.,  
LATIN LANGUAGE AND LITERATURE.

ELIZABETH A. BURTON, REGISTRAR.  
MATHEMATICS.

MARY ELIZABETH MATTHEWS, M. S.,  
BIOLOGY, GEOLOGY, ANTHROPOLOGY.

MATILDA A. WELTON,  
PHYSICAL TRAINING.

MARY KEFFER,  
DRAWING, PAINTING, ART HISTORY AND CRITICISM.

EDNA D. DAY, M. S.,  
CHEMISTRY, HOME ECONOMICS.

AMY R. KELLY, A. B.,  
ASSISTANT IN ENGLISH AND FRENCH.

ELIZABETH DAY SEYMOUR, M. A.,  
GREEK.

KATHARINE A. KUNZ,  
GERMAN, FRENCH.

ALICE A. GRISWOLD,  
PHYSIOLOGY.

\*HELEN HASSLER, A. B.,  
ASSISTANT IN GERMAN.

FLORENCE CROCKER, A. B.,  
ASSISTANT IN LATIN AND HISTORY.

\*MARY EMILY SINCLAIR, M. A.,  
MATHEMATICS.

THEODORA E. MILLER,  
ASSISTANT IN HOME ECONOMICS.

ANNA L. HUNTLEY,  
SUPERINTENDENT OF DOMESTIC DEPARTMENT.

MRS. ELIZABETH A. LYMAN,  
SECRETARY.

BERTHA LUCRETIA ROCKWELL,  
LIBRARIAN.

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## CONSERVATORY OF MUSIC.

HARRY CLYDE BROOKS, DIRECTOR,  
VOICE, PIANO, HARMONY.

ANNA M. MONROE,  
ORGAN, HISTORY OF MUSIC.

JAY R. HALL,  
PIANO.

†HELEN JEWETT PRATT,  
PIANO.

ALTA JANE CHARTER,  
VOICE, PIANO.

†ROY JEWELL CROCKER,  
PIANO.

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\*Absent part of the year.

†Absent for study in Europe.

# GENERAL LECTURES BY MEMBERS OF THE FACULTY.

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## THE BIBLE.

Six Illustrated Lectures.—MISS LAWRENCE.

### THE CHILDREN OF ISRAEL.

Their Promised Land.  
The Book of their High Calling.  
The Stranger Within Their Gates.  
Their Near Neighbors.  
Their Conquerors.  
Their Conquerors Conquered.

## ART AND ARCHÆOLOGY.

Three Illustrated Lectures :

The Roman House,	-	-	-	Miss McKinstry, Ph. M.
English Cathedrals:	Two Lectures,	-	-	Miss Keffer

## SCIENCE.

Four Illustrated Lectures.—MISS MATHEWS, M. S.

Some Features of Glaciers.  
Relation of the Landscape to Surface Geology.  
Adaptations of Plants to Climate.  
The Making of a Seed.

## HOME ECONOMICS.

Six Lectures, The Composition and Nutritive Value of Foods.  
MISS DAY, M. S.

Ten Lectures, Demonstration of Principles of Cooking.  
MISS MILLER.

The Modern Hospital and the Training School.—MISS GRISWOLD.

## MODERN LANGUAGES.

Three Lectures.—MISS KUNZ.

Study of Modern Languages.  
Faust in Literature and Music.  
French Literature of Today.

## MUSIC.

The first of a course of six lectures. Richard Wagner and the Bayreuth Festival.—HARRY CLYDE BROOKS, Director of the Conservatory.

## ADMISSION OF STUDENTS.

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Lake Erie College admits the following classes of students :

First—In all applications, preference is given to graduates of High Schools fully prepared for the college courses.

Second—Graduates of High Schools for one or more years of special study.

Third—Students entering the regular courses in Music, having completed the equivalent of a High School course.

Fourth—a. Students who need a year or two in preparation for college work. At the opening of the year in September, classes will be formed in English Composition and Rhetoric, in Cicero and Vergil, in Greek, French and German, in History and in Plane Geometry.

b. Students who wish to combine Music or Art with some special studies according to their previous preparation. The studies of the college course cannot be taken without the preparatory discipline of Mathematics and Language. Students taking a partial course in Music will fill their schedule with work selected for them according to their age, maturity and scholarship.

Thirteen hours a week is the minimum amount of work for all students.

Instruction in preparatory work below the classes mentioned in Fourth, a. will be subject to special charges. See Expenses, page (32)

Students in Music will be charged for board, instruction in music and for tuition in other studies according to rates stated in Expenses, page (32)

### CERTIFICATES.

Entering students may present in place of examinations certificates from accredited schools, with the understanding that scholarship after entrance must be satisfactory. The work of the first term will be probationary. Certificates must specify in connection with each study the text-books used, the method of instruction, the amount of time given to the study, the date of final examination and the mark for scholarship. Blank forms will be furnished which should be filled out and returned, accompanied by all necessary information as to health, character, plans for study, and standing in other colleges and schools.



## REQUIREMENTS FOR ADMISSION TO THE COLLEGE COURSES.

Two parallel courses lead to the degrees of Bachelor of Arts and Bachelor of Science. Each of these courses extends through four college years of thirty-five weeks each, and consists of required studies for two years, certain required studies in the Junior and Senior years with a definite amount of elective work. The requirements for admission to both courses are:

### **English:**

### **Mathematics:**

Algebra,  
Plane Geometry.

**History:** Ancient, Mediæval, Modern, or  
English and American.

### **First Language:**

Latin or French or German.

### **Second Language:**

Greek or French or German.

### **Science:**

## REQUIREMENTS FOR BOTH COURSES.

**English.**—Preparation is required in Grammar, Rhetoric and Composition, to include spelling, punctuation, choice of words, construction of sentences and preliminary work in paragraphing. A. S. Hill's Foundations of Rhetoric, Herrick and Damon's Composition and Rhetoric, or equivalents, are recommended for study.

In the literature prescribed for the year, the books marked A are set for reading, and questions upon them will assume a general knowledge of the subject-matter and also of important facts in the lives of the authors. Those marked B are for study and practice in more detailed treatment of the text. Topics for short papers will be chosen from these works. Equivalents for these books will be accepted.

A. 1903, 1904 and 1905. Shakespeare's Merchant of Venice and Julius Cæsar; The Sir Roger de Coverley Papers in The

Spectator; Goldsmith's *The Vicar of Wakefield*; Coleridge's *The Ancient Mariner*; Scott's *Ivanhoe*; Carlyle's *Essay on Burns*; Tennyson's *The Princess*; Lowell's *The Vision of Sir Launfal*; George Eliot's *Silas Marner*.

B. 1903, 1904 and 1905. Shakespeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro* and *Il Penseroso*; Burke's *Speech on Conciliation with America*; Macaulay's *Essays on Milton and Addison*.

**Mathematics.**—Algebra—through Involution, Evolution, Radicals, Quadratic Equations, Ratio and Proportion, Variation, the Progressions. The text-book should be equivalent to Wells' or Wentworth's *Complete Algebra*.

Plane Geometry with original demonstrations, as much as is contained in Wells, or in Wentworth, or in Chauvenet.

**History.**—Outlines of the history of Greece and the history of Rome, or

Outlines of the history of England and the history of the United States.

An equivalent in General History may be offered.

**French or German or Greek.**—Two years. Thorough knowledge of the fundamental principles of the grammar. Ability to read ordinary French or German fluently. As a ground of this ability the candidate should have read in French not less than one thousand duodecimo pages and in German not less than five hundred duodecimo pages of classical and contemporary prose and verse from the writings of at least four standard authors.

Ability to follow a recitation conducted in French or German and to answer in that language questions asked by the instructor. Careful attention should be paid to pronunciation. Translation into French or German of a connected passage of English prose.

All candidates are required to present a statement from their instructors, mentioning the text-book used and the authors read, including the number of pages translated from French or German into English and from English into French or German.

**Greek.**—Grammar, inflections and syntax. Pearson's or Jones' Greek prose composition furnishes the requisite drill for preparation in Greek writing. Xenophon, *Anabasis*, four books. Particular attention should be paid to the syntax and to reading aloud in Greek.

Homer, *Iliad*, Books I-III, mythology and rules of prosody required.

ADDITIONAL REQUIREMENTS FOR ADMISSION TO THE BACHELOR OF  
ARTS COURSE.

**Latin.**—Grammar, including a thorough mastery of inflections, a practical application of the simple rules for the composition and derivation of words, syntax of cases and verbs and general structure of sentences. Particular attention should be paid to indirect discourse, to the subjunctive and to relative and conditional sentences. The Roman pronunciation should be used. Practice in marking vowel quantities is important, and training the ear by frequent dictation exercises.

Cæsar, *Gallic War*, four books; Organization of the Roman Army; map studies of ancient Gaul. Attention should be given to indirect discourse and the subjunctive mode.

Cicero, seven orations. Outline of Roman civil institutions.

Latin Prose Composition, Collar and Daniell, Jones or any standard author will be accepted. The constant practice of reading at sight aloud and the translation into Latin of passages of connected English narrative are required with study of geographical, historical and political questions necessary to the comprehension of the author and his period.

Vergil, *Aeneid*, six books, *Eclogues*, I, IV, V, VII, VIII, X, will be accepted as an equivalent for one book of the *Aeneid*. Prose will not be accepted as an equivalent for verse.

A preparatory year of Latin, including Vergil, Cicero and Prose Composition, will be allowed in the case of entering students whose opportunities for the thorough study of Latin have been limited.

**Science.**—One year of Physics or Chemistry. The candidate may substitute for this year of Science, a third year of second language, or the first year of a third language, or any three of the following subjects, each representing the work of a term of twelve weeks: Physical Geography; Physiology; Physics; Chemistry; Biology; Botany; Astronomy; Geology.

ADDITIONAL REQUIREMENTS FOR ADMISSION TO THE SCIENCE  
COURSE.

**Latin.**—To Vergil, or three years' work in German, or in French.

**Science.**—One year of Physics *and* Chemistry. But, for one year of Science may be substituted one year of French or German, the language not presented for entrance, or any three of the following subjects, each representing the work of a term of twelve weeks: Physical Geography; Physiology; Physics; Chemistry; Biology; Botany; Astronomy; Geology.

**COURSES REQUIRED FOR GRADUATION.**

Fifteen hours weekly are required in the First and Second Years. An hour includes the period, sixty minutes, given to recitation, and the time, usually two hours, required in preparation. All students in the regular or the special courses will attend the lectures upon Hygiene and, unless excused upon examination, will enter the classes in Voice Culture and in Physical training with outdoor exercise.

In the Freshman Year the required work is chiefly Languages and Mathematics. History may be taken in the Sophomore and in the Junior Year, or if additional work in Languages is elected, History may be deferred till the Junior Year.

The Bible courses may be taken in consecutive years or may be combined in the Sophomore or the Junior Year.

The required Science includes Physiology and one year's work in Physics or Chemistry for the Arts Course and two years of one Science for the Science Course.

The Philosophy includes Logic, Psychology and Ethics. Logic and Psychology may be taken in the Junior or the Senior Year. Ethics in the Senior Year.

During the Sophomore Year the student is expected to mark out within certain limits, a certain line of work, embracing related subjects, to which she will adhere during her Junior and Senior Years.

## ELECTIVE STUDIES.

Elective studies are combined with required studies in such an amount as to complete the equivalent of fifteen hours of recitation weekly in the Freshman and Sophomore Years and not less than thirteen hours weekly in the Junior and Senior Years. Elective studies are subject to the approval of the Faculty and are chosen with reference to the lines of study indicated in the Arts and Science Courses leading to the degrees of Bachelor of Arts and Bachelor of Science.

## COURSES OF STUDY.

### COURSE LEADING TO THE DEGREE OF A. B.

#### *Freshman Year.*

#### *Sophomore Year.*

(Figures indicate the number of hours per week.)

Mathematics,	4	Physics,		
Latin,	4	Chemistry,	}	5.
Greek,		Biology,		
French,	}	Language,		4
German,		History,		3
English,	3	English,		3

The second language elected in the Freshman Year is dependent upon the language presented for entrance.

### COURSE LEADING TO THE DEGREE OF B. S.

#### *Freshman Year.*

#### *Sophomore Year.*

Mathematics,	4	Biology,		5
French,	4	Physics,	}	5
		Chemistry,		
German,	4	English,	}	3
		and		
English,	3	History,	}	2
		Household Sanitation,		

If the course in Home Economics is elected, courses 2, 3, 4 under Drawing and Painting are substituted for either French or German, in the Freshman Year, and Physiology for English in the Sophomore Year.

Required for Junior and Senior Years of both courses.

Physiology,

Philosophy,

Bible.



## COURSES OF INSTRUCTION.

### LATIN.

MISS MCKINSTRY, MISS CROCKER.

1. Cicero, De Senectute; selections from Latin Poets, Latin writing.

Translations at sight and from hearing; study of the Stoic and Epicurean doctrines.

2. Livy, Books XXI, XXII; Latin writing.

Study of style, collateral reading in Roman history.

3. Horace, selections from the Odes and Epodes; Carmen Sæculare.

Study of metres and style, collateral reading on Horace as a lyric poet, comparison with the elegy.

1, 2, 3 extend through the Freshman year of the arts course, four hours a week.

### ELECTIVE COURSES IN LATIN LITERATURE.

4. Pliny, Selected Letters; Tacitus, Agricola and Germania.

Collateral reading; study of characteristics of literature of the Silver Age. Three hours a week for twelve weeks.

5. Roman Literature, Selections from Representative Authors; Latin writing.

Three hours a week for twelve weeks.

6. Horace, Satires and Epistles; Persius and Juvenal; History of development of Satire.

Three hours a week for twelve weeks.

7. a. Cicero, Letters; Study of Cicero in private life; the political, literary and historical condition of the times.

Three hours a week for twelve weeks.

- b. Cicero, De Officiis, Tusculan Disputations, selected portions.

Three hours a week for twelve weeks.



8. Comedy; Selected plays of Plautus and Terence.

Attention is given to archaic forms and constructions, and to the study of metres.

Two hours a week for twelve weeks.

9. Lyric and Elegiac Poetry. Collateral reading. Study of the development of the Elegy.

Two hours a week for twelve weeks.

10. Sight Translation.

Rapid reading of Latin at sight and on hearing.

Two hours a week for twelve weeks.

#### COURSES IN ROMAN LIFE AND INSTITUTIONS.

11. Roman Political Antiquities. Lectures. The development of the institutions of the regal period into republican forms and offices and their final absorption into those of the empire.

Two hours a week for twelve weeks.

12. Roman Private Life. Lectures. Reports on assigned subjects.

Offered in 1903-1904.

13. Introduction to Roman Archæology. Lectures. Elements of Archæology; topography and architectural history of ancient Rome. Studies in Pompeii; minor monuments, gems and coins.

Offered in 1904-1905.

Three hours a week for twelve weeks.

Courses 11, 12 are abundantly illustrated with photographs, casts and lantern views.

#### COURSES FOR SPECIAL AND ADVANCED STUDENTS.

14. Teachers' course in Cæsar and Vergil; study of syntax and interpretation of text; with opportunity for teaching under supervision.

Designed for those who intend to teach.

15. Advanced course in Latin writing.

Open to students who have maintained a high grade of scholarship in previous Latin study.

Three hours a week for twelve weeks.

16. Study of Latin Inscriptions.

Two hours a week for twelve weeks.

## GREEK.

MISS SEYMOUR.

1. Euripides. *Alcestis* or *Media*. Lectures on Greek Drama and study of Metres.
2. Homer, six books of the *Odyssey*. Lectures and outside reading. Rapid sight reading of four books, additional.
3. Plato, *Apology* and *Crito*. Prose composition based on the *Apology*.  
1, 2, 3, extend throughout the year, four hours a week.
4. Demosthenes; selections. Study of Greek oratory and civil institutions.  
Three hours a week for twelve weeks.
5. Historians; selections from Herodotus and Thucydides.  
Three hours a week for twelve weeks.
6. Plato; *Phaedo*. Lectures.  
Four hours a week for twelve weeks.
7. Greek Drama.  
(a) Aeschylus; *Agememnon* or *Promethus*.  
Lectures, collateral reading, study of metres.  
Four hours a week for twelve weeks.  
(b) Sophocles, *Antigone* or *Oedipus Tyrannus*.  
Four hours a week for twelve weeks.
8. Greek Testament; Study of the New Testament philology and syntax.  
Two hours a week for twelve weeks.

A large and well lighted room is furnished with reference books, maps, photographs and casts for the use of students in Latin and Greek, including Kiepert's wall maps, Launitz plates illustrating Roman life, Englemann's Homeric Atlas and the archæological charts of Mycenæ and Tiryns. There is a fine collection of medallion reliefs from coins and medals, with some rare coins, all of which are valuable for illustrative purposes. Casts from the frieze of the Parthenon and busts of heroic size of the Juno Ludovisi and the Niobe have been added to the art collections of Memorial Hall by the classes of 1879 and 1891. Through the kindness of the class of 1882 the College was one of the first subscribers to the French publication of the *Sidon Sarcophagi*, illustrating an important period of Greek Sculpture.

## GERMAN.

MISS KUNZ, MISS HASSLER.

### 1. Elementary German.

This course is for students who have presented either French or Greek for entrance. Grammar, composition and the reading of modern prose.

Four hours a week throughout the year.

### 2. a. Grammar and prose composition.

#### b. Schiller's life and works.

Reading and discussion of selected dramas. Lectures.

Four hours a week throughout the year.

Required of Freshmen who present German for second language.

### 3. Goethe's life and works.

Dichtung und Wahrheit; Iphigenie; lectures.

Essays in German.

Three hours a week throughout the year.

### 4. Goethe's Faust, Part I and II.

Reading and discussion of the text.

Lectures; papers in German.

Two hours a week throughout the year.

Open to students who have taken Course 3.

### 5. Lessing's life and works.

Two hours through two periods of study.

### 6. History of German literature from the earliest times to the end of the Middle Ages.

Reading of Nibelungenlied, Gudrun, Kunstepen, Minnegesang.

Three hours a week throughout the year.

Open to students who have completed Courses 3, 5.

### 7. History of German literature from the Middle Ages to the present time.

Reading of novels and dramas.

Three hours a week throughout the year.

Open to students who have completed Course 6.

### 8. Reading of German for the Sciences.

Two hours a week for two periods.

### 9. Methods of teaching modern languages.

Two hours a week for two periods.

In all courses the relation of German literature to the history, life and thought of German people is made prominent. German is strictly the language of the classroom.

## **FRENCH.**

MISS KUNZ, MISS KELLY.

### **1. Elementary French.**

This course is intended for students who have presented either German or Greek for entrance. Grammar; reading of modern prose.

Four hours a week throughout the year.

### **2. Study of the Drama and the miscellaneous literature of France in the 17th Century.**

Reading Corneille, Racine, Boileau, Moliere. Lectures, essays.

Four hours a week throughout the year.

Required of Freshmen who present French for second language.

### **3. Literature of the 18th Century.**

Reading Voltaire, Beaumarchais, Rousseau.

Three hours a week throughout the year.

### **4. Literature of the 19th Century.**

Chateaubriand, Lamartine, Hugo, Musset, Dumas, Stendhal.

Three hours a week throughout the year.

### **5. Contemporary literature.**

The drama, the novel, literary criticism, discussions, essays, lectures.

### **6. History of the language. Literature of the Middle Ages.**

Reading La Chanson de Roland.

Two hours a week throughout the year.

Courses 4, 5, prerequisite.

### **7. Reading of French for the Sciences.**

Two hours a week for two periods.

French is strictly the language of the classroom.

## **ENGLISH.**

MISS KENDRICK, MISS KELLY.

### **1. Rhetoric.**

Instruction is given through topical lessons, lectures, and models illustrating the principles of composition, and the elements and qualities of style. Daily or weekly themes are developed by paragraphs or whole compositions in practice of narration, description and exposition; the elements of argumentation. The themes are subjects of class criticism and individual conference with the instructor.

Required of Freshmen. Three hours a week throughout the year.

### **2. Historical Development of English Literature. Analysis and comparative study of masterpieces in prose and poetry. Lectures, topical study with library references, papers and discussions on topics suggested by the study.**

Adjusted to the requirements of Sophomores in the arts and science courses.

THE FOLLOWING ELECTIVES ARE BASED ON COURSE I OR COURSES  
I AND 2.

3. Exposition. Argumentation. Analysis of essays and arguments. Themes and briefs.
4. Journalism.  
Practice in reporting, writing editorials and reviews, correcting proof. Study of leading periodicals.
5. Lectures on the Theory of Rhetoric.  
Discussions pertaining to college entrance requirements and the teaching of English; criticism of themes; examination of methods and text-books.
6. Brief history of poetry. Principles of structure as a basis for analysis of lyric poetry; poetic style; metre.
7. Historical outline of American Literature through lectures and readings; study of important authors of the nineteenth century.
8. History of literary criticism; interpretation and comparison in prose and poetry.
9. A comparative study of ballad, epic and dramatic poetry.
10. Prose and Poetry of the Nineteenth Century.
11. a. The short story. Principles of structure in the novel and the drama. Analysis of plot construction and character development.  
Application of these principles in constructive work.  
b. Development of the novel through Eighteenth Century fiction, and the works of Scott, Dickens, Thackeray and George Eliot.
12. The Development of the Essay.
13. The English Drama. The art of Shakespeare studied through several plays. Rapid reading of other selected plays.
14. History of the English Language. Old English Prose and Poetry.

Course 5 is designed for those who expect to teach English.

Course 6 is prepared with reference to music students.



## MATHEMATICS.

MISS BURTON, MISS SINCLAIR.

1. Solid and Spherical Geometry. Original demonstrations required. Problems given to illustrate the use of principles.

If course 1 is presented for entrance, a review of mathematical principles may be required of students who do not present a note book giving evidence of thorough original work.

2. Higher Algebra. The Binomial Theorem; Series; Variables and Limits; Logarithms; Theory of Equations; Determinants.
3. Plane Trigonometry, with practical applications, and special attention to transformation of formulæ.

Courses 1, 2, 3 extend throughout the Freshman year, four hours a week. Required of all Freshmen.

4. Analytical Geometry (Woods and Bailey).

First period, four hours a week.

5. Differential and Integral Calculus.

Second and third periods, four hours a week.

6. History of Mathematics, by lectures.

Two hours a week for twelve weeks.

7. Methods of Teaching Mathematics.

Two hours a week for twelve weeks.

This course is intended as a preparation for teaching high school mathematics. Courses 6 and 7 given in 1903, 1905 and alternate years thereafter.

8. Methods of Teaching Plane and Solid Geometry.

Four hours a week for twelve weeks.

## PHYSICS.

1. Mechanics and Acoustics.

Five hours a week for twelve weeks.

2. Electricity and Magnetism.

Five hours a week for twelve weeks.

3. Heat and Optics.

Five hours a week for twelve weeks.

Physics is based upon Trigonometry. Courses 1, 2, 3 are required of Sophomores who elect Physics. Laboratory work forms part of each course. By their own observations students are led to understand more clearly the principles studied and to form habits of accurate observation and of recording results in a clear and orderly manner.



4. Journal Course. Reading and reports on current scientific literature.

One hour a week for twelve weeks.

### **ASTRONOMY.**

1. Elements of Astronomy.

Elective for students who have studied Trigonometry and elementary Physics. The class work will consist of lectures and recitations, a study of the principal features of the heavens, and preparation of papers on topics relating to the subjects studied. Offered in 1903, 1905.

Five hours a week for twelve weeks.

### **CHEMISTRY.**

MISS DAY.

1. Chemistry of the Non-Metals.
2. A continuation of Course 1, beginning with the study of the metals.
3. Qualitative analysis.

Courses 1, 2, 3 consist of lectures and laboratory work, continuous throughout the college year, three laboratory periods of two hours each and one lecture period weekly.

Required of Sophomores who elect Chemistry.

4. Organic Chemistry.

Five hours a week for twelve weeks.

5. Chemistry of foods and cooking.

To be preceded by Chemistry, 4.

Six hours' credit for twenty-four weeks.

### **BIOLOGY AND BOTANY.**

MISS MATHEWS.

1. General Biology.

Cell structure carefully studied and observations recorded by drawings; blood corpuscles and spirogyra; chemical nature of cell contents with tests for proteid and starchy matter. Study of *Pteris* and *Lumbricus*. Lectures on the principal orders of plants and animals. Each student is required to write two papers on her own work in the laboratory.

Five hours a week for twelve weeks.

2. Continuation of Course 1.

Investigation of the cell and cell division. The student will make permanent preparations for the microscope. Study of invertebrate and

vertebrate structures with special study of the development of the frog.  
Lectures on Theoretical Biology.

Five hours a week for twelve weeks.

### 3. Botany.

Lectures upon the morphology, physiology and classification of plants. Laboratory study of typical forms through rusts, moulds, liverworts and mosses to flowering plants.

Five hours a week for twelve weeks.

The laboratories in the new Science building give enlarged opportunities in the study of Botany. Valuable aid is afforded by the reference library, the Auzoux dissectible models of the most difficult types, the collection of slides, the herbarium rich in local species and the fresh material for study easily available in adjacent woods.

## **GEOLOGY.**

MISS MATHEWS.

### 1. Elements of Geology.

Lectures and recitations; reference study of the principal authorities; geological maps and charts; field work. Large use is made of the collections of minerals, rocks and fossils.

Four hours a week for one period.

## **ANTHROPOLOGY.**

MISS MATHEWS.

1. A popular course of twelve lectures; Relation of man to lower animals; Primitive Man; Races of Mankind; Acclimatization; Mound Builders and Pueblo Indians and their customs.
2. Topical Study; use of the growing anthropological library which already includes many rare monographs, besides those sent out by the Smithsonian Institution and Bureau of Ethnology.

Three hours a week for twelve weeks.

## **PHYSIOLOGY AND HYGIENE.**

MISS BENTLEY, MISS GRISWOLD.

### 1. Hygiene.

Lectures upon the principal bodily functions and the care of health. Required for entering students in regular and special courses.

## 2. General Physiology.

Recitations and lectures with dissections of the manikin and other models. Examination upon note books and the preparation of papers. Required in the Sophomore or in the Junior year.

Four hours a week for twelve weeks.

## 3. Advanced Physiology.

Lectures, required readings, study of special functions in relation to health and disease. Microscopic study of tissues.

Four hours a week for twelve weeks.

## 4. Lectures; Embryology; a collection of special models.

Open to Juniors and Seniors.

The general equipment of the department consists of valuable charts and engravings, skeletons and anatomical preparations, histological specimens, an Auzoux dissectible manikin and models of the eye, ear, heart, larynx, vertical section of the head and a fine model of the brain.

# HOME ECONOMICS.

MISS DAY, MISS HUNTLEY, MISS MILLER.

## 1. Household Sanitation. The house, its location and construction. Care of the house.

This course is to be preceded or accompanied by courses in Physics, Chemistry, Physiology, Bacteriology and Art.

Four hours a week for twelve weeks.

## 2. Chemistry of foods and cooking.

To be preceded by Chemistry 4.

Six hours' credit for twenty-four weeks.

## 3. Dietaries. Theoretical and practical. Planning of meals for the college family with careful estimate of cost.

Open to Seniors. To be preceded by Course 2.

## 4. Supervision of Domestic Work.

Open to Seniors. To be preceded by Course 1.

## 5. Home Economics. A review and unifying of all previous work relating to the home. Expenditure. Values. The relation of the home to society.

To be preceded by Courses 1, 2, 3.

## 6. Methods of teaching Home Economics.

To be preceded by Courses 1, 2, 3, 4, 5 and by Theory of Education, 7.

7. Elementary Home Economics. An elementary study of sanitation, food, principles of cooking and dietaries.

This course is arranged for preparatory and special students. No preparation in the Sciences is required and only so much of the scientific basis of the subject is given as is necessary for the understanding of practical methods. This course is not included in college work.

## **PHILOSOPHY AND EDUCATION.**

DR. HITCHCOCK.

1. Logic. Studies upon the implications of the judgment and the nature of inference.

Two hours a week for twelve weeks.

2. Psychology.

a. The facts and principles of general psychology introduced by a brief study of the brain and sense organs, illustrated by special models. Text-book, James' Briefer Course; collateral readings in other psychological works; recitations; reports; lectures.

b. Lectures and readings on the methods and principles of experimental psychology. Simple experiments performed to illustrate the principles.

Five hours a week for twelve weeks.

3. Ethics.

Introductory study based on Seth's Ethical Principles, with special topics from Mill, Sidgwick, Green and others. One original paper.

Four hours a week for twelve weeks.

Courses 1, 2, 3 required in the Junior or in the Senior year.

4. Historical Outlines of Philosophy.

A sketch of Greek philosophy followed by a brief study of modern philosophic thought in which the systems of Locke, Hume and Kant are especially emphasized. Lectures; selected readings from the works of different philosophers; frequent reference to Windelband's and Weber's Histories of Philosophy and Royce's Spirit of Modern Philosophy.

5. Introduction to Philosophy.

This course is designed to give an intelligent conception of the meaning of philosophy together with some idea of its problems and their attempted solutions.

Either 4 or 5 will be given each year according to the preference of the students who elect the course.

Four hours a week for twelve weeks.

## COURSES IN EDUCATION.

The following courses taken in addition to the required work in philosophy (courses 1, 2, 3), and in connection with other recommended courses in various departments, aim to give adequate preparation for the work of teaching. The courses are so arranged, however, that any one of them may be taken separately by any students who desire acquaintance with that particular subject.

### 6. Genetic Psychology.

Ten lectures upon the development of consciousness in the animal series and the human race followed by a more detailed study of the child in his physical and mental development. This course gives a scientific basis for educational principles and methods.

Three hours a week for twelve weeks.

### 7. Theory of Education.

Application of psychological principles to education; nature and aim of education; the subject matter of the curriculum; methods of teaching.

Three hours a week for twelve weeks.

### 8. History of Education.

Lectures, recitations, reports and discussion on past systems, modern movements and present problems of education.

Three hours a week for twelve weeks.

Courses 6, 7 and 8 are open to Juniors and Seniors who have taken course 2.

### 9. Methods of teaching special branches.

a. Latin. (See Latin, course 14).

b. English. (See English, Course 5).

c. Mathematics. (See Mathematics, courses 7, 8).

d. French and German. (See German, course 9).

e. Lectures by members of the Faculty and other experienced teachers on their various subjects.

### 10. Practice Courses.

Opportunity is afforded to Seniors of giving instruction under the direction of the head of the department in various branches taught in the Secondary Schools.

## ECONOMICS AND SOCIOLOGY.

DR. HITCHCOCK.

### 1. Introductory study of the principles of economics.

Three hours a week for twelve weeks.



2. Industrial History of England and the United States.  
Two hours a week for twelve weeks.
3. a. Brief study of principles underlying the development of society; the nature and significance of social facts.  
b. A study of various social problems. Text-book, Giddings' Elements of Sociology.

Four hours a week for twelve weeks.

Open to those who have taken Philosophy 2.

## HISTORY.

MISS LAWRENCE, MISS CROCKER.

1. Mediæval History and the origin, progress and results of the Reformation in England, France and Germany.  
Three hours a week for twelve weeks.
2. History of England and France from 1603 to 1815.  
Three hours a week for twelve weeks.
3. a. European History from 1815 to the present time.  
b. Development of present Political Institutions in the United States.

Each course three hours a week for twelve weeks.

1, 2 and a or b of 3 are required in the arts course. a or b of 3 in the science course.

4. Growth and development of the Christian Church, from the accession of Constantine to the Reformation.  
Three hours a week for twelve weeks.
5. History of England from the German Migrations to 1603. The development of English institutions, and the rise of England to the position of a great state.  
Three hours a week for twelve weeks.
6. History of France from the fall of the Carolingians to the middle of the eighteenth century, with special reference to the growth of French institutions.

Three hours a week for twelve weeks.



## BIBLE HISTORY AND LITERATURE.

MISS LAWRENCE.

1. Hebrew History.  
History of Israel from Abraham through the exile, with growth of the idea of the Messiah. By recitations and lectures.
2. History of the post-exilic times through the Struggle of the Maccabees to the birth of Christ. Growth of the legal and wisdom books by lectures.
3. The teachings of Christ, the Founding of the Christian Church, the Epistles of Paul.  
1, 2, 3 required in all courses.  
Three hours a week throughout the year.
4. The Hexateuch. Formations of the documents used. Influence of the Babylonian and Egyptian literatures upon the book of Genesis.  
Three hours a week throughout the year.
5. Lyric and Epic Poetry of the Bible.  
Three hours a week for twelve weeks.
6. Historical study of the Life of Christ.  
Stevens and Burton's Harmony of the Gospels is used as a basis.  
Three hours a week for twelve weeks.
7. Testimony of records of contemporaneous nations to the history of the Jewish nations from the revolt of the Ten Tribes to 70 A. D.  
Three hours a week for twelve weeks.
8. a. History of Christian Missions.  
An outline from the Third Century to the present time.  
b. Sociological value of Christian Missions. Reference, Dennis' Christian Missions and Social Progress.

## HISTORY OF ART.

MISS KEFFER.

1. a. Egyptian and Babylonian-Assyrian Architecture. Sculpture and Decoration. Tombs. Temples and palaces. Por-

trait Statues. Relief Sculpture. Decorative Motives.

b. Classic Art. Greek Temples. Sculpture as the characteristic art of Greece. Roman Architecture. Temples and Secular Buildings.

c. Renaissance Architecture and Sculpture. Classic influence upon development of Renaissance.

a, b, c, Four hours a week for twelve weeks.

Open to Seniors and Juniors, 1904, 1906.

2. Early Christian, Byzantine and Mediæval Architecture. Basilican, Byzantine, Romanesque and Gothic periods in Italy, the East, and Northern Europe.

Continuation of Course I. Two hours a week for twelve weeks.

Open to Seniors and Juniors.

3. History of Painting. Italian, Spanish, Dutch, Flemish, German, English, 19th Century French and Modern Schools.

General view aiming to distinguish the various schools by their difference of motive, subject and technique, and to characterize the personal style of each great master.

Four hours a week for twelve weeks.

Open to Seniors and Juniors, 1903, 1905.

Instruction in 1, 2 and 3 given by means of lectures illustrated by photographs and lantern slides, and by laboratory study of photographs.

4. Elementary Art Course.

Study of elements of beauty in individual pictures, statues, buildings, decorative compositions and pieces of pottery, with a view to increasing understanding and appreciation of art.

Three hours a week for twelve weeks.

Open to all students. Not credited for degree.

5. Outline History of Art.

Two hours a week for twenty-four weeks.

Open to those who have had 4 and to those in regular college classes. General lectures upon art illustrated by lantern slides during the year. Lectures in Roman and Greek archæology will be given by Miss McKinstry and Miss Seymour.

#### DRAWING AND PAINTING.

1. Freehand Drawing and Practice in Elementary Composition.

One hour a week throughout the year.

## 2. Freehand Drawing.

Two (6) hours a week throughout the year.

Aims to enable the student to describe an object or illustrate a subject easily and effectively by means of rapid descriptive drawing.

## 3. Composition and Design, with lectures upon the Principles of Household Art.

Two hours a week for twenty-four weeks.

Aims to cultivate feeling for true beauty, and by applications of the principles of art to develop the sense of what is appropriate and beautiful in dress furnishing, decoration and whatever pertains to the everyday art of the home.

## 4. Geometrical Drawing, with Applications to Planning and Designing. Drawing to a scale.

Two hours a week for twelve weeks.

Courses 2, 3 and 4, required for course in Home Economics. No extra charge for 1, 2, 3 and 4.

## 5. Individual Studio Work. Drawing from casts, groups of still life and plants. Sketching.

## 6. Painting from still life in water color and oil.

Private studio work of courses 5 or 6 can be counted as elective only on the basis of not less than two hours a week, including lectures on the practice of art and reference study in Art Library. For charges see page 33.

# PHYSICAL TRAINING.

MISS WELTON.

Systematic and progressive work in a four years' course is required of all students unless excused upon examination. All the exercises are carefully graded and adapted to the special needs of young women, and all work in the gymnasium is under the direct supervision of the instructor. Special or private work is given where there is need of individual care or muscular development.

The instructor is a graduate of the Allen gymnasium, Boston, in the full normal course which includes instruction in Anatomy, Physiology and Hygiene, the study of the science of movements and experience in class leading and in private work.

In the daily drill use is made of Swedish movements based

on the philosophical system of Ling, first used in Sweden in 1813, and the first system devised for harmonious development of the body. Combined with these exercises are the deep breathing movements and other exercises arranged by Miss Allen. Movements growing out of the Delsarte theory are used to give poise, elasticity and nerve relaxation. Wherever it is possible, the exercises are adapted to music. The apparatus consists of wooden and iron dumb-bells, clubs and hoops, adjustable chest weights, horizontal bar and breast bars.

The grounds, comprising twenty acres, afford pleasant opportunities for out of door exercise in the paths laid out for bicycling and walking, in the large grove and in the field prepared for basketball and other games. A daily register is made of the time spent out of doors, in walking and in games.

The health of the students is cared for by Miss Bentley, the Dean, who gives lectures upon Hygiene and instruction in Physiology. She may be consulted without charge, and communications from parents in regard to the health of students may be addressed to her.

### **RELIGIOUS LIFE.**

The college is unsectarian in its management, but distinctly Christian in its spirit. A thorough course of Bible study is included in the Courses of Instruction. Attendance is required at the Sunday morning service in the churches of Painesville and at daily morning worship. The monthly meetings of the missionary societies and weekly meetings of the Young Women's Christian Association give opportunity for participation in organized religious work.

Among many addresses given in 1902 and 1903 the following speakers are named :

Rev. W. A. Shedd, Urumia, Persia.

Rt. Rev. W. A. Leonard, D. D., Bishop of Ohio.

Rev. W. H. Warren, Superintendent Home Missions, Michigan.

Rev. J. D. Williamson, Beckwith Memorial Church, Cleveland.

Rev. A. B. Meldrum, D. D., First Presbyterian Church,  
Cleveland.

Rev. F. G. Cressey, Chicago.

Miss L. T. Guilford, Cleveland.

Mrs. Julia Clapp, Gerould, Class of '64, Cleveland.

Mrs. E. C. Higbee, Cleveland.

Mrs. Jessie Parmlee Chambers, Cleveland.

Miss Spencer, State Secretary of Y. W. C. A.

## EXPENSES.

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The charge for board and tuition for the College year is \$300.  
This embraces:

- |   |         |
|---|---------|
| (1) Tuition, payable upon entrance and from which there is no rebate in case of withdrawal..... | \$100   |
| (2) Room, board, heat and light for the year, exclusive of the vacations .....                  | } \$200 |
| (3) Office consultations, and care in sickness where special services are not required.....     |         |

Of the two hundred dollars, one hundred is to be paid on entrance, one hundred on January 6, 1904. Students entering within the first four weeks of a term will be charged from the beginning of the term. No deduction is made for absences during the year, except in cases of protracted illness, when deduction of half the board will be allowed; no deduction is made for tuition, nor for withdrawal during the last four weeks of any term. Students entering in January will pay for board, room and tuition for the remainder of the year . . . . . \$200.00

The charge for room, board, heat and light for each student for the year is . . . . . 200.00

Tuition for single subject when combined with two or more Conservatory subjects, amounting to eight hours' credit. . . . . 25.00 or 30.00

Laboratory fees in Chemistry, Biology, Botany, each per term . . . . . 2.00



Home Economics, per term . . . . .	\$3.00
Physics, per term . . . . .	1.00
For use of Library in History and Literature when no text-book is required, each, per term . . . . .	1.00
For private instruction in Drawing, per year . . . . .	45.00
For private instruction in Painting, per year . . . . .	50.00
Students who need instruction in Preparatory work below the classes named on page 9, "Fourth—a," will prepay for each study an extra charge	
Per year . . . . .	35.00
Per term . . . . .	15.00
Laundry, one dozen plain pieces, thirty-five weeks . . . . .	15.00
Meals served in students' room, each . . . . .	.15
Applicants for single rooms will pay extra for the year . . . . .	30.00

A fee of one dollar for the first day and fifty cents for each succeeding day is charged for late registration after vacations and recesses.

A charge is made for examinations in studies pursued elsewhere than in the College.

Text books and stationery can be obtained at the College book-store, at retail prices.

Drafts and checks should be made payable to Lake Erie College.

## EXPENSES FOR MUSIC.

### TUITION.

Per term of twelve weeks, payable strictly in advance, two half-hour lessons per week, of a leading instructor:

Pianoforte, Voice, Organ, each . . . . .	24.00
The same of an assistant instructor . . . . .	18.00

One lesson per week of a leading instructor:

Piano, Voice, Organ, each . . . . .	12.00
The same of an assistant instructor . . . . .	9.00
Harmony, History of Music, each . . . . .	6.00
French, German, Italian, each . . . . .	10.00



The tuition for Violin or other instruments will be according to the fees charged by the instructors.

#### OTHER EXPENSES.

Rent of Piano, per term, one hour each day . . .	\$ 3.00
Rent of Pipe Organ, per term, one hour each day . .	12.00
Rent of Practice Clavier, per term, one hour each day .	1.50
Rent of Piano, Private use, per term, according to quality . . . . .	\$16.00 to 20.00
Rent of Pipe Organ, per term, two hours each week . .	4.50

#### RENT OF MUSIC LIBRARY.

4 selections out at one drawing, per term . . . .	\$ 1.00
5-8 selections out at one drawing, per term . . . .	2.00
Use of Chorus Music, per year . . . . .	1.00
<i>Artists' Recitals, per term . . . . .</i>	<i>1.00</i>

**N. B. No allowance made for lessons omitted by pupils, except in case of protracted illness, when the loss will be shared equally.**

**Application for admission to the Conservatory of Music may be made at the office in Memorial Hall, room 9, ground floor.**

For courses of study, and other information in detail, see the Conservatory Catalogue, for which apply to Miss Luette P. Bentley, Dean of the Faculty, or Mr. Harry Clyde Brooks, Painesville, Ohio.

## LOCATION AND BUILDINGS.

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Painesville, thirty miles east of Cleveland and three miles south of Lake Erie, is famed for its shaded streets and beautiful homes. It is closely connected with Cleveland by railways and electric cars. The college grounds in the western part of the town on Mentor Avenue comprise twenty acres, including a grove, bicycle paths, a field for exercise, and, in front, an attractive entrance through an avenue of fine trees.

The main building contains the social hall, dining hall, gymnasium, library, class rooms for Languages, Literature and History, and the living rooms for instructors and students. The rooms for Latin, History and Bible study are furnished with maps, casts and photographs. Each department has its own reference books and there is a general reference library.

Memorial Hall for Music and Art, dedicated in 1891 to the memory of founders and friends, contains, besides the rooms for practice in Music and for instruction in Drawing and Painting, a hall of perfect proportions for musical purposes with a seating capacity of six hundred, including seats for a chorus of one hundred. The hall has been recently decorated in an artistic scheme of color harmonizing with the stained glass memorial window, the new organ and the corridors where casts and reliefs illustrate the best periods of art. The large three manual organ built for the Conservatory of Music by A. B. Felgemaker combines the latest results in mechanical invention with artistic effect and a high degree of perfection in tone. A new organ room has been constructed for the two manual organ presented in 1891 as a memorial of Anna Steese Harvey.

Through the efforts of the faculty and students, Social Hall has been renovated with new ceiling and woodwork, and with a mantel and fireplace, the gift of the class of 1880. The Hall is the centre for the daily life of the college and for social gather-

ings, and it is also kept in close association with the past by an increasing number of fine portraits and other oil paintings, the gifts of successive classes and old friends of the college.

The gift of \$10,900, from Mr. Jared Murray, of Concord, insures to the college the long desired building for a reading room and library. A recent gift of \$1,000 has added a valuable collection of works in art history, editions of French and German classics and other works for the departments of History and Literature.

Science Hall, dedicated in June, 1897, contains in the west wing the laboratories and lecture rooms for Physics and Chemistry, and in the east end those for Biology, Botany and Physiology. There are also class rooms for Mathematics and a general lecture hall with seats for two hundred. New tablet chairs for taking notes have been recently presented. The third story is devoted to the museum and to class work in Geology. Each department has a laboratory and a lecture room with apparatus room and private study for the instructor. The laboratories are well furnished for scientific work. The department of Physiology, with its exceptional outfit of models, charts and other illustrations, now has room for the development of courses additional to the required work. Each department in Science has its own reference books. There is also a general reading room, with scientific periodicals and other publications of value to all the departments, including the Smithsonian publications.

Additional facilities have been introduced in the departments of Chemistry and Domestic Science, including for the latter the reconstruction of the Domestic Hall and Dining Hall in the main college building.

### **HITCHCOCK FUND FOR THE AID OF STUDENTS.**

Through the liberality of the Hon. Reuben Hitchcock, of Painesville, president of the Board of Trustees from the founding of the Seminary in 1856 till his death in 1883, the Hitchcock Fund was established for the aid of faithful students of limited means who are prepared to enter the regular course of study.

It was the earnest desire of the founder of this fund that the price of board and tuition should be kept at the lowest possible rate and, in case of necessary advance in the charges, that the income of this fund should be so applied as to assist as many as possible who would otherwise be prevented from pursuing a course of study. Assistance will be given in sums varying according to the needs of students. Applications must be made early, accompanied with certificates of scholarship and character. Preference will be given to those who are prepared for the regular courses of study.

During forty-four years Lake Erie College and Seminary has given instruction to four thousand students coming from many states of the Union and now scattered through all parts of this land, while some are in foreign lands. Although not local in character or design, most of the contributions to its funds have come from citizens of Painesville and Northern Ohio. The gifts of the first president of the trustees, including the Hitchcock Fund, amounted to sixty thousand dollars, and others have given according to their means. Whatever may be said of the policy by which an education is given at cost for the benefit of students of limited means, when others might well pay double the amount, the fact remains that the public has reaped the advantage.

At the present time of broader opportunity it is fitting to call attention to the needs of a living and growing college. First among these is:

### **AN ENDOWMENT.**

a. To provide such salaries as will be a just compensation for teachers who must meet the demand for study, travel, books, periodicals and all the means of growth and culture made necessary by the rapid progress of the times in education.

b. To furnish laboratories, apparatus and libraries for each department of instruction.

c. To furnish means of heating, lighting and caring for additional buildings, without which each addition to the College becomes an added burden of expense.

No limit is placed to such an endowment fund, the need for which is as progressive as the progress of education, but the present pressing need is for an endowment of \$100,000.

#### **FORM OF BEQUEST.**

I bequeath to my executors the sum of . . . . .  
dollars, in trust, to pay over the same . . . . . days after  
my decease, to the person who, when the sum is payable, shall act  
as treasurer of the Lake Erie College and Seminary, located in  
Painesville, Lake County, Ohio, incorporated June, 1856, to be  
applied to the uses and purposes of said Institution as directed  
by its Trustees.

## STUDENTS.

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### RESIDENT GRADUATES.

Charlotte Bushnell, '84,	Cleveland.
Catherine Louise Gates, '95,	Bay City, Mich.

### SENIOR CLASS.

Castella O. Benton,	Cleveland.
Katharine Louise Bleile,	Columbus.
Fanny V. Brewster,	Cuyahoga Falls.
Myra G. Cowles,	Austinburg.
May Helen Graves,	Cleveland.
Ethelwyn Haynes,	Vermontville, Mich.
Anna W. Hulbert,	Rome.
Alice Edith Stillman,	Minneapolis, Minn.
Anne U. Wert,	Harrisburg, Pa.

### JUNIOR CLASS.

Mabelle Chapelle Anderson,	Painesville.
Marcia B. Clay,	North Bristol.
Anabel Culbertson,	Girard, Pa.
Mabel Edith Curtiss,	Painesville.
Bessie Maude Douglass,	Chardon.
Inez Aletha Hill,	Berlin Heights.
Gertrude E. Krause,	Cleveland.
Luella Larimer,	Allegheny, Pa.
Grace Lincoln,	Painesville.
Frances Eliza Smith,	St. Clairsville.

### SOPHOMORE CLASS.

Myra Hatch,	Ashtabula.
Lilla McDonald Ketcham,	Indianapolis, Ind.
Edith M. Straight,	Aurora.



Anna T. Viall,  
Katharine Tracy Warren,  
Bessie Walker,  
Grace McDonald Welch,  
Laura Williams,

Tallmadge.  
Painesville.  
Jamestown.  
Ashland.  
Indianapolis, Ind.

### FRESHMAN CLASS.

Lula A. Alburn,  
Gertrude Johnston Baker,  
Retta Brucker,  
Clara Camper,  
Edna Florine Case,  
Katharine Cordes,  
Belle Dean,  
Belle Cless Denton,  
Harriet S. Dewey,  
Belle Frances Dixon,  
Ruth Margaret Gates,  
Le Mira J. Gillis,  
Bess Emery Gladwish,  
M. Lou Hecox,  
Ruth Eleanor House,  
Ruth Ingersoll,  
Helen Mackenzie King,  
Hazel Louise Knapp,  
Grace Helen Krumm,  
Lucy Jepson,  
Frances Elizabeth Jones,  
Florence K. Littlejohn,  
Edna Cora Loeb,  
Mary Laura McNab,  
Ruth McNutt,  
Hattie Miller,  
Luella Whitney Reynolds,  
Henrietta Roelofs,  
Emma D. Robison,  
Emma Row,

Kyles Corners.  
Indianapolis, Ind.  
Shelby.  
Port Clinton.  
Hudson.  
Seymour, Ind.  
Indianapolis, Ind.  
Lancaster.  
Clyde.  
Orwell.  
Bay City, Mich.  
Kinsman.  
Painesville.  
Columbus.  
Salonica, Turkey.  
Cleveland.  
Cincinnati.  
Bristol, Ind.  
Columbus.  
St. Clairsville.  
Pasumalai, South India.  
Painesville.  
Akron.  
Youngstown.  
Jefferson.  
Claridon.  
Painesville.  
Grand Rapids, Mich.  
Franklin.  
Pleasant Valley, W. Va.

Etta Louise Sayers,	North Ridgeville.
Pearl Estella Smith,	Fargo, N. D.
Hazel Walker,	Canton.
Carolyn Warren,	Lansing, Mich.
Clara M. Williams,	Cheboygan, Mich.

### **SPECIAL STUDENTS IN MUSIC AND COLLEGE WORK.**

Helen R. Baxter,	Mansfield.
Irene Mae Canary,	Bowling Green.
Flora Cordelia Cook,	Mentor.
Helen Lucretia Frost,	Mentor.
Sadie Grace,	Logansport, Ind.
Esther M. Greeno,	Milford.
Olive Allison Harris,	Niles.
La Vonne Hay,	Seville.
Martha Higgins,	Painesville.
Mabel Hubbard,	Fargo, N. D.
Hilda Inman,	Akron.
Helen Elizabeth McCormick,	Niles.
Hazel Belle Rabe,	Oakland, Cal.
Grace Alma Sanborn,	East Cleveland.
Laura Briscoe Seldon,	Niles, Mich.
Grace Sheldon,	East Cleveland.
Eleanor May Steely,	Dayton.

### **ENTERING COLLEGE IN 1903.**

Julia Adelaide Baldwin,	Delta.
Irma Levi,	Cleveland.
Margaret May,	Girard, Pa.
Elizabeth King McGiffert,	New York City, N. Y.
Wilma McLean,	Pittsburg, Pa.
Karolyn Margaret Norton,	Edinburg, Ind.
Gertrude Pike,	Chicago, Ill.
June Acacia Ramsey,	Delta.
Eva B. Sage,	Oakfield.
Grace B. Straight,	Aurora.
Christine Florence Treat,	Aurora.
Eleanor Walkup,	Gilbert Islands, Micronesia.

## ENTERING COLLEGE IN 1904.

Margery Townsend Bird,	Mansfield.
Alene E. Black,	Detroit, Mich.
Bessie Marie Brown,	Berea.
Louise Eva Gronemeyer,	Cleveland.
Leola Julian,	Columbus.
Martha Loveday Maxwell,	Mansfield.
Carrie Millikin,	Bowling Green.
Ruth Maus Raser,	Ashtabula.
Clara Reeve,	Willoughby.
Katharine W. Woodward,	Norwalk.

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Nelle M. Andrews,	Cleveland.
Justine S. Cook,	Canton.
Harriet Edwards,	Lancaster, Pa.
Rena Frankenberger,	Charleston, W. Va.
Mary Campbell Gibson,	Columbus.
Anna G. Jones,	Cleveland.
Clara Emily Jones,	Cleveland.
Clara Johnson,	Hubbard.
Ethel Laidlaw,	Akron.
Mabel Lodge,	Cuyahoga Falls.
Laura Cornelia Lodge,	Cuyahoga Falls.
Anna Mackey,	Galion.
Vernia Martin,	New Castle, Pa.
Grace Lillian Searl,	Painesville.
Ollie M. Snedden,	Cleveland.
Majorie R. Shaw,	Canton.

## CONSERVATORY OF MUSIC.

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Candidate for Graduation in 1903.

Flora Cordelia Cook,

Mentor.

Pricilla Amidon,	Painesville.
Nelle M. Andrews,	Cleveland.
Gertrude Johnston Baker,	Indianapolis, Ind.
Julia Adelaide Baldwin,	Delta.
Grace Barrows,	Painesville.
Helen R. Baxter,	Mansfield.
Gail Bradley,	Painesville.
Lucy Brooks,	Painesville.
Irene Mae Canary,	Bowling Green.
Edna Florine Case,	Hudson.
Katharine Cordes,	Seymour, Ind.
Anabel Culbertson,	Girard, Pa.
Belle Dean,	Indianapolis, Ind.
Harriet S. Dewey,	Clyde.
Cora Egan,	Painesville.
Rena Frankenberger,	Charleston, W. Va.
Helen Lucretia Frost,	Mentor.
Ina Fuller,	Wyckliffe-on-the-Lake.
Sadie Grace,	Logansport, Ind.
Bertha Greene,	Painesville.
Esther M. Greeno,	Milford.
Nellie Gibbons (Mrs.),	Painesville.
Lillis Harper,	Painesville.
Olive Allison Harris,	Niles.
M. Lou Hecox,	Columbus.
Martha B. Higgins,	Painesville.
Mabel Hubbard,	Fargo, N. D.
Anne W. Hulbert,	Rome.

Hilda Inman,	Akron.
Lucy Jepson,	St. Clairsville.
Clara Johnson,	Hubbard.
Anna G. Jones,	Cleveland.
Clara Emily Jones,	Cleveland.
Gladys Jones,	Painesville.
Leola Julian,	Columbus.
Alice Kilcawley,	Painesville.
Mary J. Kilcawley,	Painesville.
Hazel Louise Knapp,	Bristol, Ind.
Grace Helen Krumm,	Columbus.
Irma Levi,	Cleveland.
Lucy Linton,	Painesville.
Laura Cornelia Lodge,	Cuyahoga Falls.
Mable Lodge,	Cuyahoga Falls.
Edna Cora Loeb,	Akron.
Nina Ludick,	Madison.
Helen Elizabeth McCormick,	Niles.
Martha Loveday Maxwell,	Mansfield.
Louise May,	Painesville.
Margaret May,	Girard, Pa.
Helena Miller,	Painesville.
Carrie Millikin,	Bowling Green.
Grace Nichols,	Painesville.
Karolyn Margaret Norton,	Edinburg, Ind.
Ethel Rand,	Madison.
Pearl Rand,	Madison.
Luella Whitney Reynolds,	Painesville.
Emma D. Robison,	Franklin.
Henrietta Roelofs,	Grand Rapids, Mich.
Emma Row,	Pleasant Valley, W. Va.
Grace Alma Sanborn,	East Cleveland.
Grace Lillian Searls,	Painesville.
Laura Briscoe Selden,	Niles, Mich.
Dana Elizabeth Seltzer,	Shelby.
Mildred Sherman,	Painesville.
Bessie Simmons,	Painesville.

Marian Skeelee,	Painesville.
Frances Eliza Smith,	St. Clairsville.
Ollie M. Snedden,	Cleveland.
Mrs. L. J. Spaulding,	Painesville.
Eleanor May Steely,	Dayton.
Alice Edith Stillman,	Minneapolis, Minn.
Mrs. Burt Taylor,	Painesville.
Lavinia Taylor,	Painesville.
Helen Thomas,	Madison.
Christine Florence Treat,	Aurora.
Anna T. Viall,	Tallmadge.
Katharine Tracy Warren,	Painesville.
Grace McDonald Welch,	Ashland.
Frances Wetzel,	Painesville.
Laura Williams,	Indianapolis, Ind.
Alice Woodford,	Mentor.
Katharine W. Woodward,	Norwalk.
Harry Allen,	Painesville.
James Hurley,	Painesville.
Vernne Pettit,	Painesville.

## ART.

Bessie Maude Douglass,	Chardon.
Leola Julian,	Columbus.
Emma D. Robison,	Franklin.
Majorie Shaw,	Canton.
Dora M. Sturges,	Painesville.
Katharine M. Werner,	Painesville.

## STUDENTS IN ALL DEPARTMENTS OF MUSIC.

Piano .....	74
Organ .....	12
Voice .....	20
Harmony .....	15
History of Music .....	12



## SUMMARY OF STUDENTS.

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Graduate Students	-	-	-	-	-	-	2
Seniors	-	-	-	-	-	-	9
Juniors	-	-	-	-	-	-	10
Sophomores	-	-	-	-	-	-	8
Freshmen	-	-	-	-	-	-	35
Special Students	-	-	-	-	-	-	17
Senior Preparatory	-	-	-	-	-	-	12
Junior	"	-	-	-	-	-	10
Special	"	-	-	-	-	-	16
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Resident Students	-	-	-	-	-	-	119
Non-resident students in music and art					-	-	34
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Total in all departments	-			-	-	-	153

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## RESIDENCE.

Ohio	-	-	-	-	119	Illinois	-	-	-	1
Indiana	-	-	-		8	India	-	-	-	1
Michigan	-	-	-		8	Micronesia	-	-	-	1
Pennsylvania	-	-			7	Minnesota	-	-	-	1
North Dakota	-	-			2	New York	-	-	-	1
West Virginia	-	-			2	Turkey	-	-	-	1
California	-	-	-		1					

## LAKE ERIE ALUMNAE ASSOCIATION.

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### SECRETARY AND TREASURER.

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#### AKRON.

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